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ABSTRACT

The Cooperative Institutional Research Program (CIRP) sponsors a national annual survey that gathers data on incoming freshman classes at two- and four-year institutions. The data allow the colleges to compare their students with previous classes and with the "average" American freshman. This report presents findings from the 1997 CIRP survey at the Pennsylvania College of Technology (Penn College). The study is divided into the following sections: (1) detailed analyses and findings, including demographic trends and Penn College freshmen trends; (2) methodology and procedures; and (3) data tables, detailing high school preparation; religious, political and social views; and personal goals. Major findings include the following: (1) Penn College is enrolling increasing numbers of freshmen from more stable family backgrounds; (2) the college is attracting students from an increasingly dispersed geographic area; (3) students in non-technical majors continue to have relatively greater financial problems; (4) freshmen continue to be more occupationally and financially motivated than the norm; (5) freshmen hold increasingly conservative social and political views; (6) reports indicate decreased levels of partying and drinking, but increased cigarette smoking; (7) while freshmen academic involvement remains low compared with the norm, the college's academic reputation is slowly improving, along with student self-confidence levels and degree aspirations; and (8) student goals to obtain B.S. degrees are on the rise. Appended are the CIRP student information form, supplemental questions, administration instructions on residence life and campus faculty, and a CIRP survey. (AS)

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Institutional Research

1997 CPC - FRESHMAN SURVEY REPORT

Office of Strategic Planning and Research

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CIRP
(Cooperative Institutional Research Program)
FRESHMAN SURVEY REPORT
1997

PENNSYLVANIA COLLEGE OF TECHNOLOGY
Office of Strategic Planning & Research

Published January 1999

PENNSYLVANIA COLLEGE OF TECHNOLOGY
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CIRP FRESHMAN SURVEY REPORT - 1997

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMEN SURVEY REPORT
1997
EXECUTIVE SUMMARY

The CIRP Freshman Survey is the basis of a continuing longitudinal study of American higher education, coordinated by UCLA's Higher Education Research Institute. The survey allows institutions to compare their students to the "typical" American freshman. Penn College has participated in CIRP seven times in the past 13 years. Revised administration procedures for the 1997 survey resulted in a response sample that was somewhat biased towards younger students. Thus results summarized here should only be considered representative of the traditional-aged College population. Major findings include the following:

- In contrast to national trends, Penn College is enrolling increasing numbers of freshmen from more stable family backgrounds (fewer single/divorced parents, higher income levels).

- The College is attracting students from an increasingly disperse geographic area.

- Students in non-technical majors (mostly local) continue to have relatively greater financial problems and student loan burdens.

- Our freshmen (particularly in technical majors) continue to show more occupational and financial oriented motives than their peers; consequently, they are relatively more attracted than their peers by the occupational focus of our programs.

- Traditionally more conservative than their peers, our incoming freshmen (particularly in technical majors) have been of increasingly conservative social and political views.

- Recent freshmen classes have been reporting decreased levels of partying and alcohol consumption, but increased cigarette smoking.

- Our freshmen continue to show lower levels of social, political, cultural and academic involvement and interest than do their peers.

- While freshmen academic involvement remains low compared to their peers, the College's academic reputation is slowly improving (as perceived by freshmen), in conjunction with improving levels of academic preparation, self-confidence and degree aspirations.

- In response to growing questions about the nature of our B.S. students, this study compared, for the first time, initial degree level of enrollment with highest degree expected. One in four students start out in 2-year programs, but ultimately plan to complete their B.S. at Penn College, in addition to the 16% who enter B.S. programs directly.

Readers are encouraged to explore the details of these and other findings within the body of this report.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY REPORT
1997

INTRODUCTION

This report presents results of the 1997 Cooperative Institutional Research Program (CIRP) Freshman Survey. Pennsylvania College of Technology (Penn College) freshmen participated in CIRP for the twelfth time since the survey's inception in 1966, and for the seventh time since 1985. CIRP is a continuing longitudinal study of American higher education, sponsored by the American Council on Education (ACE) and the Higher Education Research Institute (HERI) at the University of California, Los Angeles (UCLA).

The primary purpose of CIRP is to assess the effects of college on students (Astin, Panos & Creager, 1966). In order to do so, colleges must first profile students at the time they enter college. The Freshmen Survey provides this initial profile, on a wide array of characteristics. For individual institutions like Penn College, CIRP also provides several valuable internal and external comparisons:

1) Penn College freshmen vs. national norms and peer groups;
2) Penn College freshmen current vs. prior years;
3) Penn College freshmen by academic school.

This report consists of six parts:

Part I	Executive Summary
Part II	Introduction (purpose, background and definitions)
Part III	Detailed Analysis & Findings
Part IV	Methodology & Procedures
Part V	Summary Data Tables
Part VI	Appendices

Background

Researchers, administrators, faculty, current and future students, and their parents all use normative information about the American freshman. Penn College has used CIRP over the past 12 years to profile differences between our students and the "average" college student, and to track changing student trends. This past year the College also piloted the College Student Survey (CSS), HERI's follow-up to the Freshman Survey. The 1999 CSS administration will specifically target the 1997 freshmen class to provide a two-year follow-up assessment. Matching Freshmen Survey results with the CSS will allow us to begin measuring the degree of growth and development students experience during their time here. Longitudinal research of this nature is essential to place student outcomes in their proper context and to document the true impact the College has on students.

National Trends

The following section (except as noted) presents a condensed summary of *The American Freshman: National norms for Fall 1997* (Sax, Astin, Korn & Mahoney). Some quarter million students at 464 colleges and universities are included in the 1997 national norms. Prominent national trends have been noted concerning the changing family structure of college students, and their growing academic and political "disengagement."

College students are coming from smaller families. The proportion from families with less than four dependents (including parents) reached a high of 51%, compared to a low of 33% in 1978 when the question first appeared. Perhaps related, a record high 26% of all freshmen came from single-parent homes, nearly triple that reported in 1972. With the corresponding growth in single parents, fewer mothers (11%) than ever are full-time homemakers, compared to 34% in 1976 when first asked. While all three of these trends are also evident among the general American population, the rate of change among the families of college students is even greater (U. S. Census Bureau, 1997).

The 1997 freshmen class also show "higher levels of disengagement-both academically and politically-than any previous entering class" (p. 2). Students reported record high frequencies of:

- being bored in class (36%, compared to low of 26% in 1985);
- oversleeping and missing class/appointment (35%, nearly double the low reported in 1968);
- studying less than six hours/week (66%, compared to low of 56% in 1987).

In other words, freshmen studied an hour less per week (median 3.8 hours) than did freshmen ten years ago (4.9). Despite this decline in study time, students express more lofty educational goals and expectations. Over half aspire to a graduate degree and expect at least a B average (compared to lows of 33% in 1972). Nearly 20% expect to graduate with honors (compared to low of 4% in 1968).

Student political disengagement is evident in even more ways. Record lows stated they keep up to date with politics, discuss politics, hope to influence politics, or vote in student elections. Similarly, students interested in environmental, multicultural, community and social activism have declined to ten-year lows, after peaking in 1992.

Penn College-Prior Findings

Previous CIRP studies have identified several fundamental differences between traditional freshmen and Penn College students. While the College population is evolving, many of these distinctions remain.

In some respects Penn College freshmen may seem to compare unfavorably to traditional freshmen. However, it is worth noting that College philosophy states "*all* (emphasis added) individuals should have opportunities for lifelong education." In support of this philosophy,

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the College has had a long history of serving students who otherwise would not have had the opportunity, inclination or access to pursue higher education. The College's 3-year graduation rate (44%) matches or exceeds 2-year college norms (*Penn College Sourcebook*, 1998, p.78). Positive graduate placement (over 80%) is widely recognized as a primary College strength (*Sourcebook*, p.126). It is even estimated at least 30% of our non-graduating students otherwise achieve their educational goals (*Leaver Survey Report*, 1997, p.11). These success rates are a testimony to both the students, and the faculty and staff who help them meet their educational goals. In striving to maintain our strengths and address our weaknesses, we need to recognize that the unique population we serve will result in a student body with characteristics that are atypical of traditional colleges.

To briefly summarize, prior studies have revealed the following differences between Penn College full-time freshmen and the typical American freshman. The College attracts students who are more non-traditional in terms of age, family and educational background. We also enroll far fewer minorities and females. Our unique technical programs attract students from an extended geographic base more like four-year colleges, while our open-door community college legacy attracts more local students than typical four-year schools. Perhaps due to their poorer educational and economic backgrounds, Penn College students have less self-esteem and interest in most aspects of the educational experience, other than improving their employment prospects and ability to earn more money.

Due to their non-traditional age and incomes, Penn College students also depend less on family support and much more heavily on government aid and loans to finance their education. They are less interested in attending any other college and are more firm in their career goals and expectations. Community and cultural goals and values are of relatively little interest to them. They are also less politically involved and more conservative than most students are.

When examined by academic area, it is apparent that Penn College has at least two distinct student segments. In terms of age, sex, race, family background and geographic origin, the relatively more unique technical fields tend to attract traditional students. The more common, less technical fields tend to draw non-traditional students.

However, in terms of activities, academic background, motivations, attitudes, goals and values, it is the "non-traditional" Penn College students who appear more traditional, and the "traditional" aged technical students who are more non-traditional. Part III, Section B will take a closer look at the dichotomy between our technical and non-technical students. Except where otherwise noted, ***technical*** will refer to students in the Construction and Design Technologies, Industrial and Engineering Technologies, Natural Resources Management, and Transportation Technology schools. ***Non-technical*** will refer to students in the Business and Computer Technologies, Health Science, Hospitality and Integrated Studies schools.

Definitions

The CIRP Freshmen Survey targets ***first-time, full-time*** freshmen. While some part-timers and other students may complete the survey, the national norms, comparison groups and Penn College data documented here exclude them. ***First-time*** students are those enrolling in higher education for the first time ever. Students who begin college in the summer are still considered first-time in the subsequent Fall semester. Returning students and transfers are not considered first-time. Penn College, like most colleges, defines ***full-time*** status as 12 or more credit hours per semester. CIRP excludes part-timers.

It is important to recognize that these survey results apply only to full-time students. While the College part-time enrollment has been slowly declining, part-timers still represent between 20% to 25% of all Penn College students. Part-time students differ from full-timers in many substantial ways.

Data tables in the report include Penn College freshmen results for 1997, 1995, 1992, 1990 and 1989, and 1997 national norms for three comparative groups:

1) All Institutions
2) Public 4-Year Colleges
3) Public 2-Year Colleges

The national population of ***all institutions*** includes all accredited institutions of higher education listed in the U. S. Department of Education's Integrated Postsecondary Education Data Systems (IPEDS). Most proprietary, special vocational or semi-professional institutions are not included. ***Public 4-year colleges*** consist of publicly controlled (local, state or federal) institutions that primarily offer baccalaureate programs, but not doctorates. This group excludes predominantly black colleges. ***Public 2-year colleges*** consist of publicly controlled institutions that primarily offer sub-baccalaureate programs. This group also excludes predominantly black colleges. Examples of classifications follow:

Penn College	- Public 2-Year College
Lycoming College	- Protestant 4-Year College
Lock Haven University	- Public 4-Year College
Bucknell University	- Private Non-Denominational 4-Yr College
Penn State University	- Public University
Keystone College	- Private 2-Year College
Harrisburg Area Comm. College	- Public 2-Year College
University of Pennsylvania	- Private University

Thus, when comparing Penn College to all public 2-year colleges, institutions like HACC would be included, but not Keystone. When comparing to all public 4-year colleges, institutions like LHU would be included, but not Penn State, Lycoming or Bucknell.

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PART III - DETAILED ANALYSIS & FINDINGS

Detailed analysis of the CIRP Freshmen Survey corresponds to the two sections of data tables found in Part V of the report. Section A is further sub-divided into two pieces. First, we compare our freshmen to national norms for all institutions, public 4-year colleges and public 2-year colleges. Second, we compare the 1997 Penn College freshmen class to prior entering classes, focusing on changing trends. Then, Section B examines the technical and non-technical academic segments, as well as each academic school.

Before analyzing detailed Freshmen Survey results however, we review some trends based on pre-existing institutional data. CIRP replicates standard student demographics routinely collected and entered into the College Student Records database (age, sex, race, etc.). However, whereas the Freshmen Survey only samples data every other year, the College collects basic data on every student every year, providing a more complete and accurate profile. Examining institutional data trends can help shed light on CIRP findings. Comparison of College data with corresponding CIRP data also allows analysis of survey response rates, to determine if the respondents are representative of the entire class of full-time Penn College freshmen. We will acknowledge and discuss biased responses as needed.

All statements in Part III using the term "significant" result from statistical tests at 5% error (significance) levels.

Demographic Trends

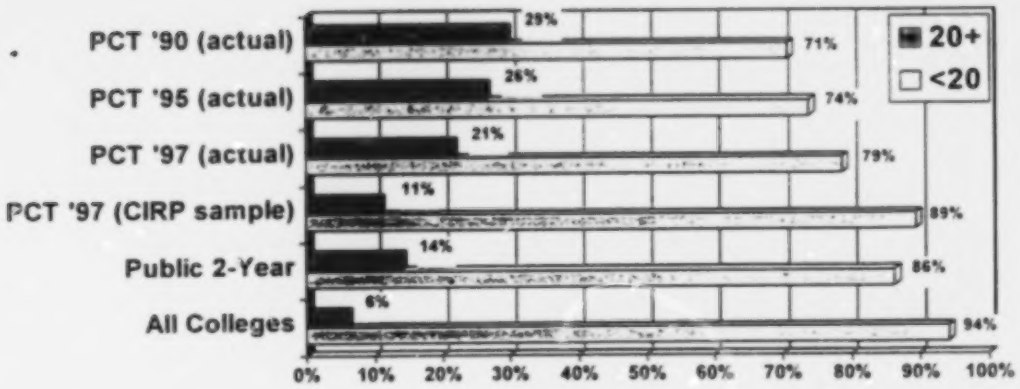
The CIRP Freshmen Survey collects a wealth of student data otherwise unavailable. However, some items do replicate data routinely captured by the College for administrative uses. These include age, sex, race, income and program major.

The most recent College *Sourcebook* (1998) documents five years of enrollments. After four years of decline, the 1997 freshmen class (including Developmental Semester students) rebounded from 1234 to 1274 (p.38). The most significant demographic change has been a shift in student age. More College freshmen are coming from the traditional age (under 20) population (1997 - 80%), particularly since 1995 (74%). In contrast, the non-traditional (over 20) segment has dropped from 26% in 1995 to 21% (see Chart 1 on next page). Related to age, the male majority has grown from 56% in 1993 to 60% (p.106, the College's traditional aged students have always been predominantly male).

In terms of program choice, baccalaureate majors have produced nearly all the growth (95 to 165) in the past two years, up 75%. One and two-year programs have slightly declined. While this change also relates to student age (younger students are nearly twice as likely to select B. S. majors), it does not account for all of the B. S. growth.

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 1 -
Age Trends



Response Rates & Bias

In addition to their use in examining basic enrollment trends, replicated demographic variables can be used to compare survey respondents to non-respondents. In order to generalize results, respondents must be representative of the total freshmen population. We examined response rates by academic school, sex, age, race, father's education and mother's education. As in past years, Freshmen Survey respondents were not entirely representative of all freshmen.

Penn College Freshmen Survey response rates have ranged from 30% to over 60%. In past years, due to enrollment patterns and survey administration procedures, non-technical students were routinely under-represented. With new administration procedures (see Part IV), the 1997 response rate was only 28% (360/1274), but the systematic over-sampling of technical students was avoided. Response rates did differ significantly by school (see Table C-1), but not along non-technical/technical lines. Health Science (37%) was over-represented, while Business and Computer (17%), Hopsitality (16%), Integrated Studies (20%) and Transportation (20%) were under-represented. [a]

The modified survey administration procedure solved the technical student sampling bias, but only in exchange for age bias. Non-

[a] Minority students were also significantly more likely to respond than white students (66% vs. 28%). However, given the small number of minority students, the practical implications were considered minor.

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traditional full-time freshmen (over 20) were significantly less likely (11%) to respond than traditional freshmen (31%). While nearly 80% of College freshmen are under 20, nearly 90% of the CIRP sample were under 20 (see Chart 1). This age bias, combined with the significant age shift in the underlying population can complicate analysis of the survey results.

To clarify the age complications, the proportion of younger students taking the CIRP was much higher in 1997 than in the past. In part this was due to a *true* increase in the proportion of traditional incoming freshmen, as seen in Chart 1, but in part it was due to response bias (younger students were more likely to respond). Several survey items are age-dependent, meaning that younger students tend to give substantially different responses than those who are older. For age-dependent survey results that have changed significantly from 1995 to 1997, part of the change might reflect a *true* change in the freshmen population, but part could reflect response bias. Age-dependent survey items will be identified and discussed as needed.

The survey asked respondents to identify their place of residence while attending. Due to survey administration procedures, nearly two-thirds of the respondents were living in on-campus housing, which also skewed the results somewhat.

Section A - Penn College Freshmen Trends & National Norms

The following analysis primarily focuses on significant changes from past years and clarification of biased responses. Unless otherwise stated, peer comparisons apply to all three comparison groups (all institutions, public 4-year colleges, public 2-year colleges).

Table A-1: Background-Demographics & Family

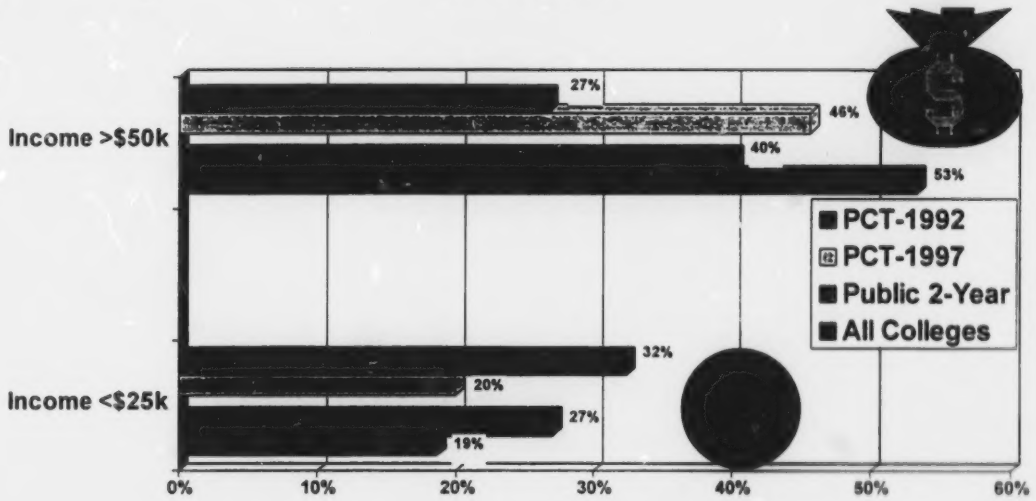
Table A-1 examines several background demographic factors (sex, age, race, family characteristics, income, etc.). While enrollment patterns have been gradually changing, the typical Penn College freshmen continues to differ from national norms and peer groups in much the same way as in the past. Despite the well-documented age shift, we continue to draw a relatively larger adult (20+) population (11% - 6%). Our students continue to be predominantly white males, with otherwise non-traditional background characteristics. The parents of these students are less well educated (compared to 4-year norms) and more likely to work in blue-collar occupations.

However, while our freshmen continue to come from families of lower educational and occupational status, they are coming from increasingly stable backgrounds. First, in contrast to national trends, fewer of our students are coming from broken homes (21% vs. 26% in 1992), significantly less than national norms (also 26%).

Perhaps related, the income gap between our students and national norms is closing. In 1992, the median 2-year student income was slightly greater ($37,000) and the 4-year norm was significantly

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 2 -
Family Income



greater ($47,000) than that of our freshmen ($34,000). Since then, while 2-year and 4-year norms have barely kept pace with inflation, our freshmen incomes (median $47,000) have closed the gap with 4-year norms ($52,000) and are now significantly higher than 2-year norms ($42,000). The shift in student age accounts for some, but not all, of this change in income.

Chart 2 shows another way of documenting this income shift. The proportion of College freshmen with family earnings over $50,000 has jumped from 27% in 1992 to 46%. In contrast, the lower income segment (<$25,000) has dropped from 32% to 20%, nearly matching national norms. The improved financial stability of our students is an obvious plus. The down side, however, is that these income changes probably also reflect the reduced access lower income students have to the College, due to our relatively high tuition rate.

Probably also related to income, Penn College students are coming from an increasingly disperse geographic area (lower income students tend to stay close to home). Over 80% of our freshmen came from over 50 miles away, compared to little over half in 1990, and now significantly greater than national norms (54%). However, this response is somewhat over-estimated due to age bias among respondents.

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 3 -
Academics

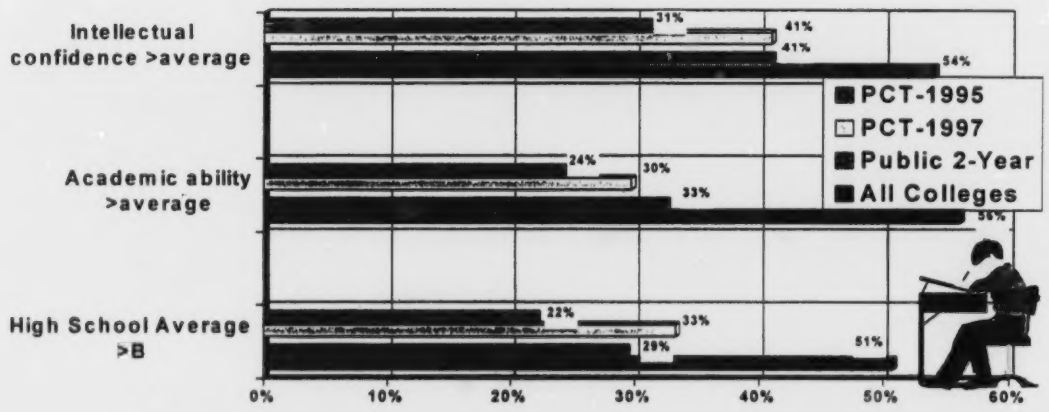


Table A-2: High School Preparation/Self-Assessment

Freshmen rate themselves against their peers on a variety of academic and social attributes. Table A-2 shows these self-assessment measures, along with high school academic information. Chart 3 suggests the College is attracting a somewhat better academically prepared student body. The proportion of freshmen with average high school grades of B+ or better has grown by half in just the last two years, from 22% to 33%. This is significantly higher than 2-year norms (29%), but still short of 4-year norms (52%).

Improvement in student grades might relate to increases in remedial coursework, particularly English (12%, norm 6%). Our students also have been expecting a greater need for remedial math (31%) since 1989 (23%), significantly greater than national norms (27%).

Similar to 2-year norms, across a wide range of traits, our freshmen consider themselves significantly poorer than do their 4-year peers. However, Chart 3 shows that the 1997 freshmen assessed themselves significantly higher than prior classes in academic ability (30%, up from 24% in 1995) and intellectual self-confidence (41% - 31%). Like their peers, our freshmen feel strongest in cooperation (60%) and understanding of others (52%).

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 4 -
Student Habits

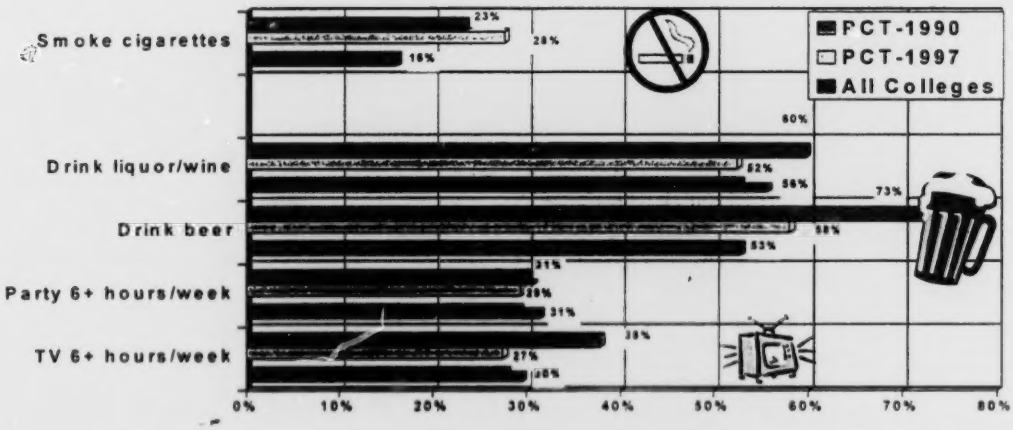


Table A-3: Activities in Past Year

Table A-3 describes student involvement in a variety of activities in the year before entering college. As noted earlier, college freshmen in general are decreasingly engaged in academic and political activities, but they continue to be more involved than Penn College freshmen. Specifically our students are still less likely to:

- tutor (36% vs. norm of 50%) or study with other students (73% - 87%);
- use a personal computer frequently(50% - 58%);
- attend religious service (76% - 85%), pray or meditate (51% - 68%);
- play a musical instrument (32% - 39%);
- discuss politics (8% - 13%) or vote in student election (15% - 23%);
- frequently socialize with members of other ethnic groups (39% - 64%);
- participate in student clubs (55% - 69%).

One barrier to greater involvement in traditional student activities is that they spend much more time than their peers working for pay (86% - 74%). Freshmen cigarette smoking is also on the rise among our students (28%, up from 23% in 1990 and 22% in 1995) and twice the rate of their peers (see Chart 4).

However, some bright spots are emerging. Since 1989, more of our students are participating in demonstrations (43% - 30%), volunteer work (69% - 48%), or tutoring (36% - 21%). In contrast, Chart 4 shows that, since 1990, they are spending less time watching television (6+ hours/week, 27% - 38%), partying (75% - 83%) or drinking (beer, 73% - 58%; wine/liquor, 60% - 52%).

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 5 -
Political Orientation & Views

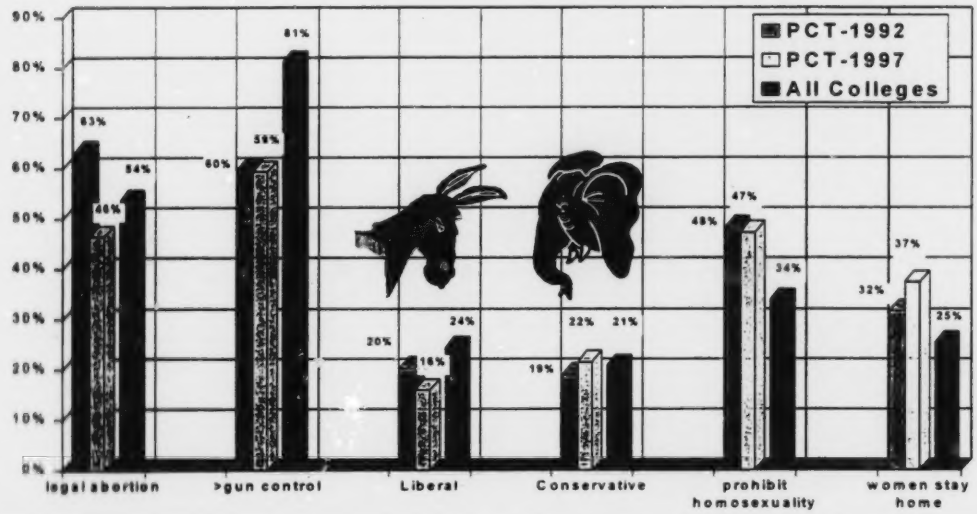


Table A-4: Religious, Political & Social Views

While most of our freshmen politically align themselves with neither the left nor right, those who do are increasingly conservative. Furthermore, when asked about specific issues, our freshmen have traditionally favored more conservative views than have their peers (e.g., see Chart 5). Penn College students more likely agree that:

- activities of married women are best confined to home and family (Penn College - 37%, up from 32% in 1992, norm - 25%);
- homosexual relations best prohibited (47%, norm 34%);
- employer drug tests should be allowed (82%, up from 77%, norm 78%).

Our students are significantly less likely to support liberal views:

- federal government not adequately controlling environment/pollution (75%, down from 86%, norm 82%);
- marijuana should be legalized (32%, up from 18%, norm 35%);
- abortion should remain legal (46%, down from 63%, norm 54%);
- reduce federal deficit via tax increase (16%, down from norm of 22%);
- death penalty should be abolished (17%, norm 24%);
- gun control should be increased (59%, norm 82%);
- national health care plan is needed (67%, down from 79%, norm 73%);
- wealthy should pay more taxes than they do (66%, down from 77%).

Tables A-5 & A-9: College Selection Process

Table A-5 documents freshmen motives for attending college and for their college choice. Penn College freshmen motives continue to be more practical and occupationally oriented. Compared to their peers they more likely attend college because they could not find a job (15% - 7%), want a better job (85% - 75%), or more money (82% - 73%). General and abstract academic goals are of relatively little interest. Fewer attend to become a more cultured person (19% - 36%), gain a general education (48% - 61%) or improve basic skills (30% - 41%).

While our freshmen continue applying (and thus are accepted) at fewer colleges than their peers, this trend has been changing. Since 1989 more students have been applying elsewhere (48% - 32%), but the proportion accepted elsewhere has not greatly increased. More freshmen now consider choosing another technical school as their top alternative (27%, up from 19%).

Compared to their peers, our students choose Penn College based more on the advice of teachers (11%, up from 5%, norm 4%) and guidance counselors (15%, up from 6%, norm 8%). In fact, compared to advertising media (radio, television, newspapers, other printed materials) and College staff and alumni, high school counselors and teachers had the most influence on freshmen (39%). The majority (62%) of freshmen came for Open House and nearly half for Fall Visitation.

The College program offerings definitely influence many students. Compared to peers, more choose Penn College for its special programs (31% - 22%). In particular, opportunities for internships, co-ops and work-study jobs in their major positively effect 42% of our students. Probably related to the improving academic skills of our students, more freshmen are also choosing the College due to its growing academic reputation (48%, up from 40%) particularly in comparison to 2-year college norms (42%). However, academic reputation is still a significantly less important factor than it is nationally (54%).

The Penn State affiliation has consistently been a positive factor for about 60% of our freshmen. This year's survey addressed safety concerns for the first time. While 70% of our freshmen had some safety concerns, only 5% stated it was a major concern.

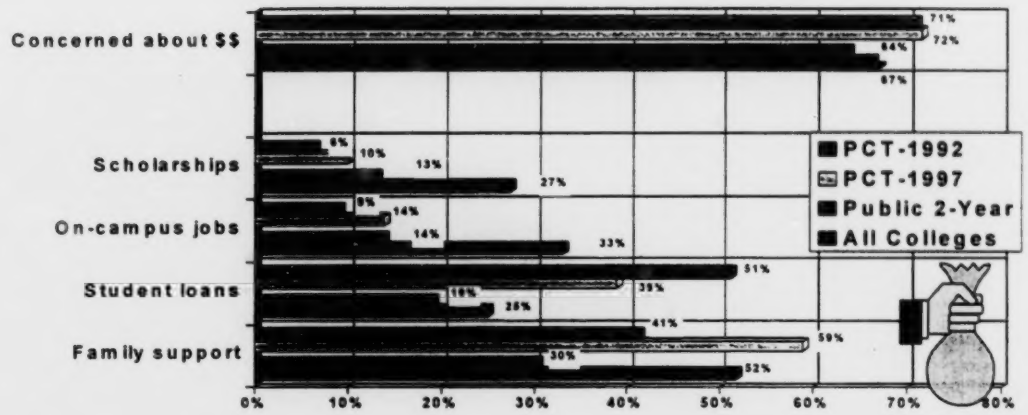
Table A-6: College Finances

Nationwide, college students are increasingly concerned about their educational finances, but not to the same level as Penn College freshmen, as shown in Chart 6 (72% - 67%). Our students have typically been more heavily dependent on college loans. This year however, our more traditional aged population has resulted in a greater level of family support (76% receive some support, up from 63%; 59% receive over $1500, up from 41% in 1992).

Compared to 4-year norms, our freshmen are less likely to receive scholarships, College Work-Study (4% - 12%) or other on-campus jobs

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 6 -
Financial Aid & Concerns



(9% - 21%). Scholarships and on-campus jobs, however, have increased since 1992 (see Chart 6). Considering that program-related job opportunities have such a positive effect on student enrollment decisions, continued growth in this area would probably be highly recommended. Also, note that the 1995 CIRP study revealed that students tend to under-report aid received, perhaps because parents often handle financial responsibilities.

Table A-7: Educational & Career Expectations

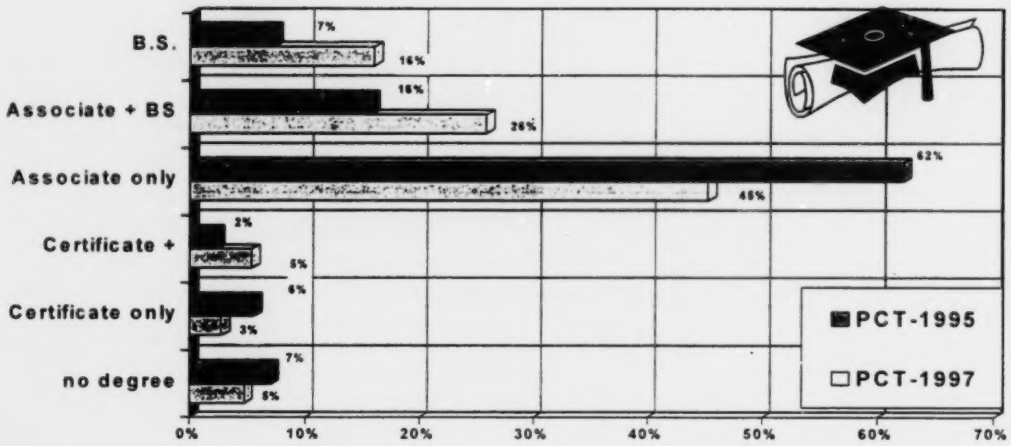
As with high school activities, compared to their peers, our students expect to engage in far fewer activities or changes in the future. However, compared to 1989 more of our students expect to need counseling (6% - 3%), receive an academic honor (4% - 2%), or their bachelor's degree (35% - 21%). The latter change is a natural result of the growth of B. S. degrees at the College. Also related, fewer of our freshmen anticipate transferring to another college (9% - 5%).

Since the College began offering bachelor degrees, student enrollment patterns have become more complex. Some students start in an associate degree program, but also intend to complete their B. S. at the College (or start in a certificate program, but intend to complete an associate). Others have no aspirations beyond the program they first enter. Some students even enter a degree or certificate program with no intent of actually graduating.

Chart 7 shows the relationship between the degree level at which Penn

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 7 -
Degree Aspirations at Penn College



College freshmen first enter and their ultimate degree aspirations. "Certificate only" refers to those who enter a certificate program with no intent for anything higher at Penn College, while "Certificate +" refers to certificate students who also expect to complete an associate or bachelor degree here. "Associate only" refers to those who enter an associate degree program with no intent for a B. S., while "Associate + BS" refers to two-year students who also intend to complete their B.S. degree here. Finally, "B.S." refers to students who directly enter a four-year program.

Roughly 5% of our students enter degree or certificate programs without intending to graduate. Most (45%) still simply enter a two-year degree program with no plans for the B. S., but this group is in decline. We know from routine enrollment reports that growth has come primarily in B. S. programs. What Chart 7 documents is the equally rapid growth in students who intend to receive a B. S. here, but first enter at the associate degree level, up from 16% to 26%. Thus, one in every four College freshmen might initially appear to be 2-year students, but they actually intend to stay for the four (or more) years it takes to complete their baccalaureate. This finding has obvious implications for both advising and future enrollment growth.

Pennsylvania College of Technology
CIRP Freshmen Survey

Chart 8 -
Personal Goals & Values

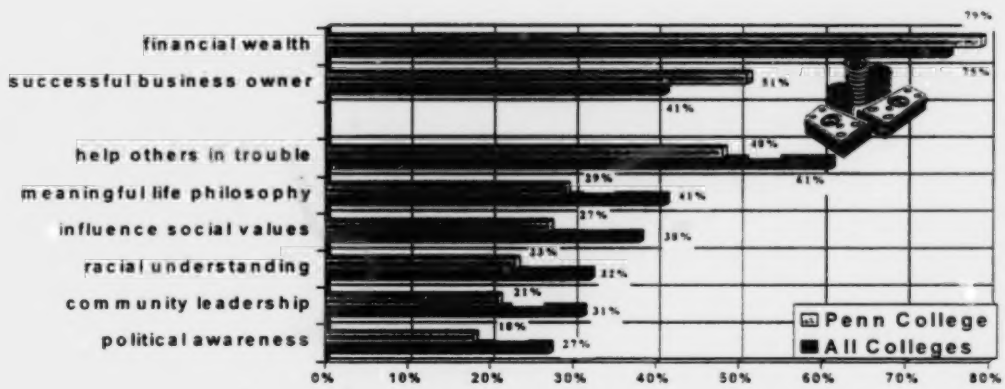


Table A-8: Personal Goals & Values

The personal goals and values of Penn College freshmen have remained virtually unchanged, in comparison to both national norms and prior freshmen classes. In keeping with their college selection motives, they place greater emphasis on economically related goals and values, and less on most other goals and values, as demonstrated in Chart 8.

Section B - Penn College Freshmen by Technical/Non-Technical School

As in Section A, the following analysis focuses on significant changes from past years. Unless otherwise stated, *technical* refers to programs in Construction and Design, Industrial and Engineering, Natural Resource Management, and Transportation. *Non-technical* refers to Business and Computer, Health, Hospitality and Integrated Studies. Section B Tables 1 to 9 parallel Section A Tables 1 to 9.

Tables B-1 to 4: Background, Academics, Activities, Social Views

As we know from institutional data collected on a routine basis, compared to our non-technical freshmen, technical freshmen continue to be predominantly traditional aged (99%-89%), males (96%-26%). Similarly, technical freshmen continue to come from a more disperse geographic area (90% from more than 50 miles away, compared to 67% of non-technical). **Industrial** and **Transportation** students in particular come from greater distances, while **Business/Computer** and **Integrated** Studies are most likely to attract local students.

Technical students also continue to have poorer high school grades (<B) than their non-technical peers (40% - 26%). Unlike prior years however, the assessments and activities reported by technical and non-technical students did not generally differ, with one exception. Non-technical freshmen (particularly **Business/Computer**) were significantly more likely to spend time on housework (6+ hours per week) or child-care (19% - 6%). This obviously relates to age and sex differences.

Compared to prior years, we detected fewer differences between technical and non-technical students in their socio-political views. Gun control and homosexual relations were the only two topics to significantly differ. Nearly twice as many non-technical students (particularly **Health** and **Integrated Studies**) favored increased gun control (81% - 44%). Technical students were much more likely to favor denying legal status for same sex couples (73% - 47%) and to favor prohibition of homosexual relations (57% - 34%).

Tables B-5, 6, 9: College Selection Process, College Finances

Compared to others, technical freshmen were significantly more likely to follow their teachers' advice in choosing Penn College (15% - 6%). Non-technical students were relatively more influenced by the College size (46% - 20%) and low tuition (28% - 13%). The latter might seem counterintuitive, considering that non-technical students have traditionally come from the local, lower income population. However, these students are comparing our tuition to that of nearby private colleges (e.g., Lycoming, Bucknell). When asked their top alternative to Penn College, significantly more non-technical students would have chosen a private college (17% - 5%). In contrast, most technical freshmen would have chosen another technical school (43% - 12%).

Non-technical freshmen might choose our relatively low tuition over the more expensive private colleges, but they still have greater concerns about their college finances than do their peers (80% - 66%). They are much more likely to rely on large ($1500+) student loans (28% - 19%). **Health Science** freshmen in particular have the highest reliance on loans (34%) and the greatest financial concerns (87%).

Travel distance probably affects the comfort level freshmen feel as they start college. Those from the local area are more familiar with the Williamsport area in general and the College community in particular. Local students tend to enroll in non-technical programs, and technical programs tend to attract non-local students. Thus, it is not surprising to find that technical freshmen express lower levels of comfort, both in the application process (very comfortable, 31% - 45%) and after arriving for classes (38% - 54%).

Table B-8: Personal Goals & Values

Consistent with prior years, our non-technical students continue to be relatively more concerned with altruistic values, while technical students are more interested in occupational success. Significantly more non-technical freshmen feel it is very important to:

- help promote racial understanding (36% - 15%);
- help others in difficulty (65% - 36%);
- influence social values (38% - 20%);

Technical freshmen are much more likely to place importance in becoming successful in their own business (60% - 41%).

Conclusion

The nature of the students who enter Penn College (as well as freshmen college students in general) continues to slowly evolve. Compared to their peers, more of our students continue to display non-traditional characteristics (e.g., age, family, education, career and financially oriented interests and goals). However, compared to prior entering classes, they are becoming more like traditional students - younger, from more stable families, with middle and upper class incomes, and improving academic backgrounds. The College will continue to periodically collect, analyze and report this detailed freshmen information in hopes that it provides a foundation for faculty and staff to better understand the students we serve.

PART IV - METHODOLOGY & PROCEDURES

Measurement Instrument

Appendix A presents the CIRP Student Information Form (SIF). The SIF has been developed by CIRP project staff, together with students, participating institutions, government agencies, professional associations, educational researchers, administrators, and members of the CIRP Advisory Committee. It is an optically scanned survey designed for self-administration under proctored conditions.

In addition to the 39 standardized SIF items, CIRP permits the College to ask 15 additional questions of local interest. President's Council developed our supplemental items (see Appendix B) in collaboration with Strategic Planning and Research staff. Both the SIF and supplemental items are reviewed and revised annually. Survey modifications require a compromise between two mutually exclusive goals: year-to-year comparability vs. flexibility to meet changing research needs (Sax et. al., 1997, p. 115). Among the supplemental items, we retained five (#40, 42-44, 46) from the 1995 CIRP, largely modified two items (#41, 45) from prior years, and developed seven new items. Readers interested in year-to-year changes to the SIF instrument itself may contact Strategic Planning and Research.

Administration Procedures

From 1985 through 1992 College faculty administered the CIRP survey in class sections selected by the Institutional Research office, in coordination with academic division offices. This method provided high response rates, but also over-sampled technical students and

under-sampled non-technical students. It also took an hour of classroom instruction time. In 1995, Student Services administered CIRP, in coordination with Research staff, during freshmen orientation sessions. Intended to replace classroom administration, orientation administration produced such low response rates that it had to be supplemented with limited classroom administration of the survey.

In 1997, for the first time, Strategic Planning and Research staff directly administered the CIRP survey in a single freshmen orientation session. While we anticipated some 350 students in the Susquehanna Room on August 17, 220 usable surveys were actually completed. To supplement this low response rate, Residence Life office staff agreed to administer CIRP to some 150 freshmen living on-campus that had not participated in orientation. To include North Campus freshmen, staff and faculty at Wellsboro coordinated survey administration to 34 students in four class sections during the first two weeks of the semester. Residence Life and North Campus staff and faculty received special instructions (see Appendices E and F) to ensure consistent administration procedures. To encourage student participation, we offered a number of door prizes from the College Store (ranging from Penn College pens and decals to a backpack and gift certificate).

Survey Processing

Strategic Planning and Research staff collected and processed surveys completed through all three administration methods. Staff sorted the surveys by academic school, edited responses (to ensure proper completion), and added additional coding (to identify student program major), in preparation for return shipping of 399 usable surveys.

CIRP staff further process our surveys along with the other hundreds of thousands of responses nationwide. Only those surveys from institutions meeting minimal quality requirements are included in the national norms (since 1985 Penn College respondents have been included in each year in which we have participated). However, because it is difficult to limit the survey to first-time full-time freshmen, some individual surveys are excluded. Thus, of the 399 surveys returned, 360 first-time full-time Penn College students were included. This represents 28% of our total full-time freshmen population.

Because student characteristics differ from one institution to another, and not all institutions participate, CIRP uses a stratified weighting procedure to produce national norms that are representative of college freshmen nationwide. However CIRP does not weight the institutional data returned to us regarding our own students (they are the actual responses from our 360 freshmen).

Statistical Tables & Analysis Methods

The report summarizes data in two sets of tables. Tables A-1 through A-9 show Penn College prior year data, current year data and national norms. B-1 to B-9 parallel section A, but present Penn College data by academic school. Each table presents a related set of items, but they are not in the same order as the survey form itself.

As an example of how to read the data tables, turn to the first page of Table A-1. The first column in each table (Survey Item #) shows how to locate that item in the SIF. Items 1, 2 and 3 are (respectively) Sex, Age and High School Graduation Year, but the table then jumps to item 28 (Race), because it is a related demographic item. The second column (underlined in **BOLD**) gives a description of the item, and the third column lists the response options for that item (e.g. SEX options are Female or Male). Note that some response options are mutually exclusive (a student can choose only one Sex or Age), but others allow multiple responses (e.g. Race). Also note that due to space constraints, item descriptions and responses may not exactly match the wording on the survey form. Readers are encouraged to match data table items with the actual corresponding survey items. Item description rows also give the total number of students who responded to that item (1989, N=1034 = the number who gave their Age).

The columns showing numeric data in Section A differ from B. Section A tables have nine columns of data. The first six give our data, the last three give national norms. We further split the Penn College section into prior year (4 columns) and current year (2 columns). Prior year data and the national norms show the percentage for each response option, while Penn College current year data gives both the number and percent (119 females responded = 33% of the 360 total). In general, response percentages less than 10% are rounded to one decimal place, others are rounded to whole numbers. Because Table A-9 presents our local supplemental items, there are no national norms.

Section B tables give 12 columns of data. The first shows current year data (matching the Penn College 1997 % column in section A). The next eight show academic school data, followed by North Campus data. Note that North Campus data are duplicated (they are also included in the academic school of their major). The final two columns summarize data split out by the "technical" (i.e. Construction + Industrial + Natural Resource + Transportation) and "non-technical" (i.e. Business/Computer + Health + Hospitality + Integrated) categories.

Planning and Research office staff performed all statistical tests at 5% (or lower) significance levels. Chi-square tests were conducted to analyze response rates by age, sex, race, parents' education and academic school. As discussed in the detailed analysis, response rates significantly differed by age, race and school. However, it is likely only the age differences were of any practical significance.

To determine which items the age bias may have significantly affected, t-tests and correlational tests (where appropriate) were used to analyze the relationship between age and each of the other CIRP survey items. Age biased responses of any practical significance were noted in the detailed analysis. Due to the quantity and nature of data available, chi-square tests were used for all other statistical comparisons (current vs. prior year, Penn College vs. national norms, technical vs. non-technical).

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

SECTION A

PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-1
DEMOGRAPHICS/FAMILY BACKGROUND
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
1 **SEX**	N=	1036	1042	895	468	360				
Female		33%	31%	33%	30%	119	33%	52%	56%	54%
Male		67%	69%	67%	71%	241	67%	48%	44%	46%
2 **AGE (on 12/31)**	N=	1034	1039	889	464	357				
18 or younger		53%	48%	46%	44%	185	52%	57%	70%	67%
19		25%	29%	28%	36%	134	38%	29%	27%	27%
20		6.1%	7.2%	7.4%	4.7%	20	5.6%	5.1%	1.6%	2.5%
21 - 24		6.2%	6.7%	7.8%	5.6%	6	1.7%	4.3%	0.8%	1.8%
25 - 29		2.9%	3.7%	5.4%	2.2%	4	1.1%	2.1%	0.2%	0.8%
30 - 39		4.3%	3.5%	3.5%	5.2%	5	1.4%	1.6%	0.1%	0.6%
40 or older		2.9%	1.3%	2.2%	2.3%	3	0.8%	0.6%	0.0%	0.2%
3 **HIGH SCHOOL GRADUATION YEAR**	N=	1031	1030	885	466	358				
This year		70%	73%	71%	78%	320	89%	84%	97%	93%
1 year prior		10%	9%	7%	6%	15	4%	5%	2%	2%
2 years prior		3%	3%	3%	2%	7	2%	2%	0%	1%
3 years or more prior		11%	10%	14%	11%	12	3%	5%	1%	2%
High school equivalency (GED)		4.8%	4.7%	5.3%	3.4%	4	1.1%	4.5%	0.3%	1.6%
never completed high school		0.7%	0.2%	0.1%				0.8%	0.0%	0.3%
28 **RACIAL/ETHNIC BACKGROUND (b)**	N=	1008	1006	873	448	353				
White/Caucasian		98%	98%	97%	97%	343	97%	83%	76%	81%
African-American/Black		1.3%	1.5%	1.4%	2.2%	1	0.3%	10.8%	13.6%	10.6%
American Indian		0.8%	0.9%	1.7%	1.1%	11	3.1%	3.1%	4.6%	3.1%
Asian-American		0.4%	0.1%	0.5%	0.9%	4	1.2%	5.2%	5.3%	5.3%
Mexican-American/Chicano		0.4%	0.3%	0.3%	0.4%	2	0.6%	0.5%	2.6%	5.3%
Puerto Rican		0.2%	0.1%	0.5%	0.4%	3	0.8%	1.5%	0.7%	1.1%
other Latino		(a)	(a)		0.4%	1	0.3%	1.2%	1.7%	1.6%
other		0.6%	0.4%	0.5%	1.1%	7	2.0%	2.5%	2.9%	2.9%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-1
DEMOGRAPHICS/FAMILY BACKGROUND
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
8 **CITIZENSHIP**	N=	1031	1037	890	460	349				
U S citizen		100%	100%	100%	99%	348	100%	97%	97%	96%
Permanent resident (green card)			0.3%	0.3%	0.7%			2.7%	2.6%	2.6%
International student		0.1%			0.2%	1	0.3%	0.7%	0.5%	0.9%
21 **NATIVE LANGUAGE**	N=		1037	888	462	352				
English		(a)	98%	98%	97%	344	98%	95%	94%	94%
not English		(a)	1.7%	2.5%	2.8%	8	2.3%	5.4%	6.2%	6.1%
18 **PARENTS' STATUS**	N=	1031	1036	887	457	350				
Living with each other		71%	68%	67%	72%	266	76%	62%	71%	70%
Divorced or Separated		20%	24%	26%	23%	72	21%	31%	25%	26%
one or both Deceased		9%	8%	7%	5%	12	3%	6%	4%	5%
20 **FAMILY SIZE (# dependents incl. parents)**	N=					337				
One		(a)	(a)	(a)	(a)	46	14%	14%	10%	11%
Two		(a)	(a)	(a)	(a)	71	21%	20%	17%	18%
Three		(a)	(a)	(a)	(a)	71	21%	23%	22%	22%
Four		(a)	(a)	(a)	(a)	95	28%	25%	28%	27%
Five or more		(a)	(a)	(a)	(a)	54	16%	19%	23%	22%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-1
DEMOGRAPHICS/FAMILY BACKGROUND
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
26 **FATHER'S EDUCATION**	N=	995	997	840	448	346				
did not complete High School		18%	16%	15%	14%	33	10%	15%	9%	10%
High School Graduate		48%	46%	48%	48%	152	44%	39%	27%	27%
Postsecondary other than college		7%	6%	8%	5%	28	8%	4%	5%	4%
some College		9%	12%	10%	11%	41	12%	14%	18%	15%
College degree		14%	14%	14%	16%	71	21%	19%	25%	25%
some Graduate school		0.4%	0.9%	1.0%	0.4%			1.0%	2.0%	2.1%
Graduate degree		4.5%	4.9%	4.5%	4.9%	21	6.1%	7.4%	14.3%	17.2%
30 **FATHER'S CAREER**	N=	938	932	797	406	310				
Artist		0.3%	0.5%	0.6%	0.7%	1	0.3%	0.6%	0.7%	0.8%
Business		20.5%	19.0%	16.9%	19.2%	57	18.4%	20.5%	25.4%	26.2%
Business (clerical)		(a)	(a)	(a)	0.5%	2	0.6%	0.9%	0.8%	0.8%
Clergy		0.3%	0.4%	1.0%	0.6%			0.6%	0.9%	1.1%
College teacher		0.2%	0.6%	0.4%	0.4%			0.2%	0.4%	0.6%
Doctor/Dentist (MD/DDS)		0.5%	0.5%	0.1%	0.2%	4	1.3%	0.4%	1.2%	2.2%
Education (secondary)		2.0%	1.7%	2.4%	2.1%	11	3.5%	1.8%	3.8%	3.1%
Education (elementary)		1.0%	0.8%	0.6%	0.5%	1	0.3%	0.4%	1.0%	0.9%
Engineer		4.8%	5.5%	6.4%	5.9%	24	7.7%	7.3%	7.3%	7.7%
Farmer/Forester		2.0%	2.9%	2.4%	3.7%	7	2.3%	4.8%	3.7%	3.5%
Health Professional (non-MD)		0.7%	2.0%	0.6%	0.7%	3	1.0%	1.2%	1.4%	1.4%
Homemaker (full-time)		(a)	(a)	(a)				0.1%	0.2%	0.2%
Lawyer		0.2%	0.2%	0.4%	0.2%	1	0.3%	0.7%	1.0%	1.8%
Military career		1.0%	1.7%	2.0%	1.7%	4	1.3%	2.0%	1.9%	1.7%
Nurse		(a)	(a)	(a)				0.6%	0.4%	0.4%
Research scientist		0.1%		0.3%	0.1%	1	0.3%	0.2%	0.4%	0.5%
Social/welfare/recreation worker		(a)	(a)	(a)	0.2%			0.6%	0.6%	0.6%
Skilled worker		19.4%	16.2%	17.1%	20.0%	61	19.7%	11.7%	9.8%	9.4%
Semi-skilled worker		10.4%	9.5%	7.3%	7.1%	14	4.5%	5.6%	4.1%	4.0%
Unskilled worker		8.8%	8.7%	8.2%	7.4%	30	9.7%	5.0%	3.2%	3.3%
other career		25.3%	27.4%	28.7%	25.9%	79	25.5%	30.7%	28.7%	27.0%
unemployed		2.3%	2.3%	4.6%	2.7%	10	3.2%	4.0%	3.0%	3.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-1
DEMOGRAPHICS/FAMILY BACKGROUND
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
26 **MOTHER'S EDUCATION**	N=	1007	1013	855	446	347				
did not complete High School		14%	12%	11%	13%	23	7%	12%	7%	8%
High School Graduate		56%	54%	51%	49%	168	48%	40%	29%	30%
Postsecondary other than college		7%	9%	11%	7%	31	9%	5%	7%	6%
some College		8%	10%	11%	12%	28	8%	14%	19%	17%
College degree		11%	11%	13%	15%	69	20%	20%	25%	26%
some Graduate school		0.9%	1.2%	0.8%	0.4%	4	1.2%	1.1%	2.4%	2.5%
Graduate degree		3.1%	3.5%	3.4%	3.8%	24	6.9%	6.5%	11.0%	12.2%
30 **MOTHER'S CAREER**	N=	971	947	825	409	321				
Artist		0.7%	0.8%	0.7%	1.2%	1	0.3%	0.9%	1.2%	1.4%
Business		12.5%	13.5%	12.4%	11.2%	34	10.6%	13.9%	14.0%	14.0%
Business (clerical)		9.1%	10.5%	7.5%	7.3%	20	6.2%	7.8%	8.1%	7.6%
Clergy		0.1%		0.2%	0.1%			0.2%	0.2%	0.2%
College teacher		0.1%	0.3%	0.2%	0.2%			0.2%	0.4%	0.4%
Doctor/Dentist (MD/DDS)		0.4%	0.3%	0.7%	0.5%	6	1.9%	0.4%	0.5%	0.7%
Education (secondary)		2.0%	1.4%	1.8%	2.4%	11	3.4%	3.3%	5.0%	4.9%
Education (elementary)		2.6%	3.0%	3.5%	4.6%	18	5.6%	6.2%	10.2%	9.4%
Engineer		0.2%		0.1%	0.5%	1	0.3%	0.6%	0.4%	0.4%
Farmer/Forester		0.7%	0.2%	0.4%	0.2%	2	0.6%	0.7%	0.5%	0.5%
Health Professional (non-MD)		2.1%	1.5%	2.1%	3.2%	11	3.4%	2.1%	2.4%	2.5%
Homemaker (full-time)		18.8%	13.2%	14.9%	18.1%	29	9.0%	9.5%	9.5%	10.6%
Lawyer				0.2%				0.3%	0.2%	0.4%
Military career		(a)	(a)	(a)				0.1%	0.1%	0.1%
Nurse		7.3%	8.0%	9.1%	11.0%	39	12.1%	10.4%	9.1%	9.3%
Research scientist			0.1%					0.1%	0.1%	0.2%
Social/welfare/recreation worker		0.6%	1.1%	1.1%	1.7%	4	1.2%	1.9%	1.6%	1.8%
Skilled worker		2.8%	2.0%	2.7%	2.9%	9	2.8%	2.4%	1.9%	1.9%
Semi-skilled worker		6.9%	6.2%	5.7%	4.9%	16	5.0%	3.3%	2.6%	2.5%
Unskilled worker		6.4%	6.5%	6.3%	3.7%	13	4.0%	2.9%	1.8%	1.9%
other career		21.5%	25.4%	24.2%	21.4%	87	27.1%	26.5%	25.0%	23.8%
unemployed		5.3%	5.9%	6.1%	4.6%	20	6.2%	6.3%	5.3%	5.5%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-1
DEMOGRAPHICS/FAMILY BACKGROUND
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
27 **PARENTAL INCOME (estimated)**	N=	894	898	754	374	310				
Less than $6,000		4%	4%	3%	2%	11	4%	5%	2%	3%
$ 6,000 - $ 9,999		4%	4%	4%	4%	13	4%	4%	2%	2%
$ 10,000 - $ 14,999		8%	7%	7%	5%	10	3%	6%	4%	4%
$ 15,000 - $ 19,999		8%	7%	7%	5%	9	3%	5%	4%	4%
$ 20,000 - $ 24,999		11%	10%	10%	8%	19	6%	7%	6%	5%
$ 25,000 - $ 29,999		10%	10%	10%	10%	15	5%	7%	6%	5%
$ 30,000 - $ 39,999		24%	24%	19%	16%	43	14%	14%	12%	11%
$ 40,000 - $ 49,999		11%	13%	13%	17%	49	16%	12%	12%	11%
$ 50,000 - $ 74,999		15%	15%	19%	21%	81	26%	24%	27%	25%
$ 75,000 - $ 99,999		2%	3%	4%	8%	35	11%	9%	12%	12%
$100,000 +		3%	3%	4%	5%	25	8%	8%	13%	16%
5 **MILES FROM COLLEGE TO HOME**	N=	1031	1034	884	463	353				
5 or less		14%	12%	10%	9%	15	4%	15%	7%	8%
6 - 10		5%	6%	5%	5%	2	1%	15%	7%	9%
11 - 50		29%	28%	29%	29%	50	14%	42%	27%	29%
51 - 100		25%	24%	25%	23%	95	27%	11%	18%	15%
over 100		28%	29%	32%	34%	191	54%	17%	42%	39%
12 **RESIDENCE/HOUSING PLANS**	N=	915	1037	880	463	349				
With Parents or relatives		37%	32%	32%	31%	29	8%	54%	23%	28%
Other Private home/apartment/room		57%	63%	63%	64%	79	23%	20%	5%	9%
College Dormitory						133	38%	20%	70%	60%
Other Campus housing						98	28%	4%	2%	2%
Fraternity/sorority house or other housing		6%	5%	5%	5%	10	3%	2%	1%	1%

(a) Item not included in survey this particular year.
(b) Students permitted to check more than 1 response to this item, therefore percentages might add to more than 100%.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-2
HIGH SCHOOL PREPARATION/SELF-ASSESSMENT
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
25 **SELF-ASSESSMENT**										
(b) **Above average in:**	N=	1018	1019	868	412	345				
Academic ability		23%	25%	24%	24%	103	30%	33%	58%	56%
Artistic ability		20%	22%	21%	20%	70	20%	22%	25%	26%
Competitiveness		43%	44%	41%	49%	144	41%	45%	55%	53%
Cooperativeness		(a)	58%	57%	56%	210	60%	60%	72%	69%
Creativity		(a)	(a)	(a)	38%	164	47%	44%	51%	51%
Drive to achieve		48%	50%	49%	50%	163	47%	51%	67%	65%
Emotional health		46%	45%	41%	44%	135	39%	42%	55%	52%
Leadership ability		38%	38%	35%	42%	143	41%	44%	56%	54%
Mathematical ability		28%	25%	26%	27%	99	29%	25%	38%	38%
Physical Health		53%	51%	50%	44%	174	50%	47%	57%	55%
Popularity		34%	35%	29%	31%	96	28%	33%	40%	39%
Public Speaking ability		15%	14%	12%	15%	52	15%	20%	32%	31%
Self-Confidence (Intellectual)		31%	31%	31%	35%	144	41%	41%	55%	54%
Self-Confidence (Social)		31%	33%	34%	35%	125	36%	43%	50%	49%
Self-Understanding		(a)	(a)	(a)	(a)	147	42%	43%	56%	54%
Spirituality		(a)	(a)	(a)	(a)	112	33%	33%	44%	41%
Understanding of others		(a)	51%	49%	55%	180	52%	54%	64%	62%
Writing ability		21%	22%	25%	25%	88	25%	29%	42%	41%
6 **HIGH SCHOOL GRADE AVERAGE**	N=	1027	1033	879	464	354				
A or A+		1.8%	1.9%	1.4%	2.4%	20	5.6%	4.9%	14.8%	15.3%
A-		3.6%	3.8%	5.1%	4.5%	31	8.8%	8.2%	16.9%	16.3%
B+		11.9%	11.6%	11.1%	15.1%	67	18.9%	16.2%	20.1%	19.1%
B		31.0%	28.9%	28.0%	28.2%	114	32.2%	27.2%	24.9%	23.4%
B-		18.6%	19.3%	18.7%	20.0%	55	15.5%	16.3%	12.0%	11.4%
C+		21.0%	20.7%	21.8%	14.7%	38	10.7%	16.3%	7.5%	9.0%
C or D		12.2%	13.6%	13.9%	15.1%	29	8.2%	11.1%	3.7%	5.5%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-2
HIGH SCHOOL PREPARATION/SELF-ASSESSMENT
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
9 **REMEDIAL WORK/TUTORING**										
Have had:	N=	1036			468	360				
English		8.5%	(a)	(a)	13.2%	42	11.7%	7.8%	5.1%	5.8%
Reading		9.7%	(a)	(a)	10.7%	29	8.1%	7.9%	4.6%	5.4%
Mathematics		13.4%	(a)	(a)	18.8%	58	16.1%	13.0%	12.0%	12.1%
Social studies		5.1%	(a)	(a)	5.3%	13	3.6%	4.9%	3.3%	3.7%
Science		5.5%	(a)	(a)	4.9%	16	4.4%	5.5%	4.2%	4.8%
Foreign Language		3.6%	(a)	(a)	3.4%	15	4.2%	4.6%	4.5%	4.6%
Will need:	N=	1036			468	360				
English		16.5%	(a)	(a)	16.2%	49	13.6%	13.1%	11.5%	10.7%
Reading		5.5%	(a)	(a)	4.5%	16	4.4%	6.9%	4.8%	5.0%
Mathematics		22.6%	(a)	(a)	25.6%	113	31.4%	31.9%	30.0%	26.9%
Social studies		1.4%	(a)	(a)	3.0%	8	2.2%	3.9%	3.6%	3.3%
Science		3.0%	(a)	(a)	6.2%	22	6.1%	10.2%	12.6%	10.6%
Foreign Language		4.7%	(a)	(a)	7.1%	20	5.6%	8.8%	11.8%	10.6%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Highest 10%, Above Average, Average, Below Average, Lowest 10%.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-3
STUDENT ACTIVITIES IN PAST YEAR
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response	Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	Penn College 1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
24 **FREQUENCY OF ACTIVITIES IN PAST YEAR** N=	1004	1007	861	442	342				
(b) **Frequently:**									
was bored in class	81%	22%	22%	30%	127	36%	31%	38%	36%
smoked cigarettes	24%	23%	25%	22%	97	28%	25%	13%	16%
felt overwhelmed	17%	18%	21%	25%	88	25%	26%	30%	29%
felt depressed	10%	11%	11%	13%	32	9%	10%	9%	9%
asked teacher for advice	(a)	15%	9%	12%	71	20%	17%	23%	22%
discussed politics	(a)	(a)	11%	8%	28	8%	8%	13%	14%
voted in student election	(a)	(a)	50%	7%	52	15%	14%	23%	21%
used personal computer	15%	(a)	(a)	41%	174	50%	44%	58%	57%
socialized w/person of other ethnicity	(a)	(a)	33%	34%	136	39%	54%	64%	63%
Occasionally:									
attended religious service	74%	72%	72%	75%	264	76%	73%	85%	82%
participated in demonstrations	30%	30%	33%	36%	148	43%	42%	46%	43%
tutored another student	21%	24%	25%	27%	122	36%	31%	50%	47%
studied with other students	69%	69%	67%	74%	252	73%	75%	87%	84%
was guest in teacher's home	18%	21%	16%	16%	86	25%	24%	29%	28%
drank beer	75%	73%	66%	63%	203	58%	57%	49%	53%
drank wine/liquor	62%	60%	56%	52%	184	52%	58%	53%	56%
performed volunteer work	48%	52%	51%	54%	239	69%	61%	74%	73%
played musical instrument	(a)	29%	29%	25%	112	32%	29%	39%	37%
overslept & missed class/appointment	(a)	39%	37%	40%	117	34%	38%	34%	35%
worked in political campaign	(a)	(a)	2%	2%	12	4%	5%	8%	8%
missed school due to employment	(a)	(a)	(a)	(a)	47	14%	11%	7%	8%
lost my temper	(a)	(a)	(a)	(a)	281	80%	77%	78%	78%
took prescribed anti-depressant	(a)	(a)	(a)	(a)	20	6%	7%	5%	5%
difficulty studying at home	(a)	(a)	(a)	(a)	178	51%	55%	56%	54%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-3
STUDENT ACTIVITIES IN PAST YEAR
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
32 **TIME SPENT ON ACTIVITIES IN PAST YEAR**	N=	759	972	824	431	333				
During typical week, spent no time:										
Talking w/Teachers outside class		14%	18%	18%	23%	62	18%	15%	10%	11%
Exercising/Sports		8%	9%	7%	11%	34	10%	8%	5%	6%
Partying		17%	19%	21%	21%	84	25%	17%	19%	18%
Working (for pay)		18%	20%	22%	20%	47	14%	20%	25%	26%
Volunteer work		58%	61%	63%	58%	139	41%	50%	39%	39%
Students Clubs/groups		52%	58%	57%	58%	152	45%	49%	31%	34%
Housework/child care		(a)	(a)	(a)	35%	109	32%	24%	20%	22%
Reading for pleasure		(a)	(a)	(a)	41%	130	39%	36%	27%	29%
Playing Video games		(a)	(a)	(a)	51%	187	55%	58%	61%	60%
Prayer/Meditation		(a)	(a)	(a)	(a)	164	49%	45%	32%	36%
During typical week, spent 6+ hours:										
Studying/homework		22%	23%	22%	22%	78	23%	23%	32%	34%
Socializing w/Friends		69%	76%	75%	71%	254	76%	75%	77%	77%
Exercising/Sports		44%	44%	44%	48%	143	42%	44%	51%	49%
Partying		32%	31%	32%	32%	99	29%	37%	29%	31%
Working (for pay)		73%	70%	70%	69%	250	74%	70%	65%	63%
Student Clubs/groups		8%	7%	7%	7%	34	10%	10%	13%	13%
Watching TV		33%	38%	33%	30%	93	27%	32%	29%	30%
Housework/child care		(a)	(a)	(a)	8%	37	11%	15%	11%	11%
Reading for pleasure		(a)	(a)	(a)	5%	25	8%	9%	9%	9%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Frequently, Occasionally, Not at all.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-4
RELIGIOUS, POLITICAL & SOCIAL VIEWS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
22 **RELIGIOUS PREFERENCE**	N=	976	970	831	426	338				
Baptist		9.2%	10.8%	10.8%	10.3%	23	6.8%	21.7%	18.4%	16.6%
Episcopal		1.0%	1.3%	1.6%	2.1%	1	0.3%	1.8%	1.4%	1.9%
LDS (Mormon)		0.1%	0.3%		0.7%	1	0.3%	0.3%	0.5%	0.3%
Lutheran		13.2%	12.1%	10.5%	8.2%	34	10.1%	4.4%	6.9%	5.9%
Methodist		20.1%	18.6%	17.9%	21.6%	42	12.4%	9.2%	8.0%	8.0%
Presbyterian		5.7%	6.3%	5.3%	2.8%	24	7.1%	3.4%	3.7%	4.0%
Quaker		0.2%	0.2%	0.2%	0.2%	1	0.3%	0.2%	0.1%	0.2%
Seventh Day Adventist		0.3%	0.1%	0.2%	0.2%			0.4%	0.3%	0.3%
United Church of Christ		(a)	(a)	4.9%	4.0%	19	5.6%	1.4%	1.8%	1.5%
Eastern Orthodox		0.3%	0.7%	0.1%	0.2%			0.2%	0.4%	0.5%
Roman Catholic		25.6%	24.2%	21.7%	18.1%	77	22.8%	25.1%	27.9%	28.6%
Islamic		0.2%	0.2%	0.2%	0.5%			0.7%	0.4%	0.6%
Jewish		0.1%	0.1%	0.2%	0.5%	3	0.9%	0.8%	0.7%	1.8%
Buddhist		0.2%	0.1%		0.2%	1	0.3%	0.6%	0.8%	0.7%
other Christian		8.3%	7.4%	6.6%	12.2%	48	14.2%	9.9%	11.9%	11.2%
other religion		3.7%	6.1%	6.0%	4.2%	10	3.0%	4.1%	4.0%	4.0%
none		11.7%	11.4%	13.6%	13.8%	54	16.0%	15.9%	12.7%	14.0%
23 **BORN-AGAIN CHRISTIAN**	N=	857	844	719	374	271				
yes, Born-Again Christian		28%	28%	27%	32%	78	29%	31%	32%	30%
no, not born-again		73%	72%	73%	68%	193	71%	69%	68%	71%
34 **POLITICAL ORIENTATION**	N=	975	968	800	410	319				
Far Left		3.9%	3.0%	3.3%	4.4%	13	4.1%	3.5%	2.6%	2.8%
Liberal		13.7%	15.1%	17.1%	13.2%	38	11.9%	18.5%	20.7%	21.6%
Middle of the road		63.4%	62.5%	60.6%	57.3%	199	62.4%	61.2%	56.8%	54.8%
Conservative		17.0%	18.4%	17.8%	22.4%	59	18.5%	15.2%	18.3%	19.3%
Far Right		1.9%	1.0%	1.3%	2.7%	10	3.1%	1.5%	1.5%	1.5%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-4
RELIGIOUS, POLITICAL & SOCIAL VIEWS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
31 **SOCIO-POLITICAL ISSUES**										
(b) **Agree strongly or somewhat:**	N=	961	959	807	395	326				
Feds not controlling environment/pollution		81%	86%	86%	81%	255	75%	80%	82%	81%
Feds should raise taxes to reduce deficit		22%	20%	17%	18%	55	16%	19%	21%	22%
courts too concerned w/criminal rights		71%	72%	71%	74%	245	73%	69%	72%	70%
abortion should be legal		60%	65%	63%	53%	155	46%	54%	52%	54%
death penalty should be abolished		15%	15%	15%	15%	58	17%	22%	22%	24%
sex ok if 2 people really like each other		63%	68%	58%	52%	175	52%	48%	40%	42%
married women activities best kept to family		36%	34%	32%	34%	126	37%	30%	25%	25%
marijuana should be legalized		18%	25%	30%	32%	109	32%	40%	34%	35%
homosexual relations should be prohibited		64%	62%	48%	53%	159	47%	39%	34%	34%
employer drug tests should be allowed		78%	83%	77%	80%	271	82%	76%	80%	78%
man not entitled sex on date, even if 'led on'		78%	77%	84%	79%	261	77%	82%	88%	87%
Feds should control handgun sales more		56%	58%	60%	59%	199	59%	77%	82%	81%
national health care plan needed		77%	76%	79%	70%	225	67%	76%	73%	72%
racial discrimination no longer major problem		(a)	29%	20%	26%	106	31%	23%	19%	20%
individual can do little to change society		(a)	(a)	43%	51%	154	46%	39%	32%	33%
wealthy should pay more taxes than they do		(a)	(a)	77%	69%	224	66%	66%	65%	63%
prohibit racist/sexist speech on campus		(a)	(a)	59%	59%	216	64%	67%	65%	64%
disobey laws that violate personal values		(a)	(a)	(a)	45%	130	39%	40%	36%	37%
abolish college admissions affirmative action		(a)	(a)	59%	49%	155	48%	44%	48%	50%
legal status for same sex couples		(a)	(a)	(a)	(a)	128	38%	48%	48%	50%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Agree Strongly, Agree Somewhat, Disagree Somewhat, Disagree Strongly.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-5
COLLEGE SELECTION PROCESS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	Penn College 1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
29 **DECISION TO GO TO COLLEGE**										
(b) **Very Important Reasons:**	N=	1001	1004	856	445	341				
parents wanted me to go		27%	30%	24%	28%	118	34%	39%	36%	36%
could not find job		12%	11%	17%	13%	51	15%	10%	7%	7%
wanted to get away from home		8%	10%	11%	11%	51	15%	14%	20%	18%
get better job		85%	87%	89%	86%	298	85%	79%	75%	75%
gain general education/appreciation of ideas		50%	52%	48%	51%	166	48%	57%	59%	61%
improve reading/study skills		30%	32%	28%	30%	104	30%	41%	41%	41%
nothing better to do		2.3%	1.8%	1.3%	4.9%	19	5.6%	4.0%	3.3%	3.4%
become more cultured person		20%	22%	22%	27%	67	19%	27%	35%	36%
make more money		81%	83%	84%	80%	283	82%	80%	73%	73%
learn more about things that interest me		72%	73%	74%	74%	251	72%	70%	73%	74%
mentor/role model encouraged me		(a)	(a)	10%	14%	62	18%	15%	15%	14%
prove to others I could succeed		(a)	(a)	(a)	(a)	161	47%	48%	41%	41%
13 **COLLEGE PLANNING ASSISTANCE**	N=					360				
High school counselor		(a)	(a)	(a)	(a)	214	59%	59%	66%	64%
Private college counselor		(a)	(a)	(a)	(a)	3	0.8%	0.9%	1.2%	1.9%
SAT/ACT preparation courses		(a)	(a)	(a)	(a)	82	23%	25%	37%	33%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-5
COLLEGE SELECTION PROCESS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	Penn College 1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
15 # OTHER COLLEGES APPLIED TO	N=	1003	1037	886	450	347				
no other		68%	68%	62%	63%	180	52%	56%	28%	35%
1		13%	13%	18%	14%	62	18%	14%	17%	15%
2		10%	10%	10%	13%	56	16%	12%	18%	15%
3 +		9%	10%	10%	10%	49	14%	19%	37%	36%
16 # OTHER COLLEGES ACCEPTED	N=	317			167	347				
no other		28%	(a)	(a)	16%	46	13%	32%	11%	15%
1		37%	(a)	(a)	39%	127	37%	27%	28%	25%
2		23%	(a)	(a)	24%	100	29%	20%	25%	22%
3 +		12%	(a)	(a)	21%	75	22%	21%	37%	38%
14 ENROLLED AT 1ST CHOICE COLLEGE?	N=	1036	1037	888	463	353				
1st choice		78%	78%	79%	77%	281	80%	68%	67%	70%
2nd choice		18%	17%	16%	16%	59	17%	21%	24%	21%
3rd choice or lower		5%	5%	5%	7%	13	4%	11%	9%	9%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-5
COLLEGE SELECTION PROCESS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
35 **DECISION TO ATTEND THIS COLLEGE**										
(b) **Very Important Reasons:**	N=	967	979	834	417	333				
relatives wanted me to come		6%	6%	7%	7%	25	7%	12%	9%	10%
teacher advised me		7%	5%	6%	9%	36	11%	6%	4%	4%
academic reputation very good		43%	40%	41%	41%	167	48%	42%	51%	54%
social reputation good		11%	8%	10%	13%	44	13%	18%	23%	26%
financial assistance offered		17%	19%	21%	20%	60	18%	29%	32%	34%
special education programs offered		26%	24%	29%	26%	107	31%	21%	22%	22%
tuition low		16%	15%	15%	15%	65	19%	41%	41%	30%
high school counselor advised me		9%	6%	10%	8%	50	15%	11%	8%	8%
private college counselor advised me		(a)	(a)	(a)	3.6%	8	2.4%	2.7%	1.3%	2.1%
wanted to live near home		21%	19%	20%	18%	46	14%	29%	22%	21%
friend suggested attending		11%	9%	12%	10%	40	12%	13%	10%	10%
recruited by college representative		1.6%	2.5%	1.7%	3.3%	8	2.4%	3.5%	4.0%	4.5%
recruited by athletic department		0.4%	0.7%	0.5%	1.7%	11	3.2%	5.9%	6.4%	6.7%
not offered aid by first choice		(a)	(a)	4%	3%	11	3%	5%	5%	5%
graduates go to top grad/professional schools		12%	10%	11%	12%	65	20%	26%	25%	31%
graduates get good jobs		50%	48%	44%	44%	217	64%	42%	47%	50%
religious affiliation/orientation		0.8%	1.5%	0.6%	1.4%	9	2.7%	2.6%	2.6%	6.2%
size of college		19%	19%	23%	23%	104	30%	24%	39%	34%
not accepted anywhere else		(a)	(a)	3.7%	2.6%	9	2.7%	4.2%	2.5%	2.9%
rankings in national magazines		(a)	(a)	(a)	3.1%	7	2.1%	3.9%	7.6%	9.1%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Very Important, Somewhat Important, Not Important.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-6
COLLEGE FINANCES
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
33 **CONCERN ABOUT FINANCING COLLEGE**	N=	1030	(a)	886	441	341				
No concern, confident of enough funds		36%	(a)	29%	28%	97	28%	36%	32%	33%
Some concern, probably have enough funds		53%	(a)	55%	51%	180	53%	48%	53%	51%
Major concern, not sure of enough funds		11%	(a)	16%	20%	64	19%	16%	15%	16%
19 **SOURCES FOR 1ST YEAR EXPENSES**	N=	1036	1042	895	468	360				
Expect some aid from:										
Personal/Family resources										
Parents/family/friends		68%	71%	69%	63%	272	76%	64%	76%	76%
Spouse		3%	3%	3%	5%	12	3%	2%	1%	1%
Savings from Summer Work		53%	56%	51%	49%	193	54%	35%	49%	46%
other Savings		28%	32%	31%	27%	105	29%	22%	30%	29%
Part-time Job on Campus		7%	6%	6%	6%	34	9%	9%	20%	21%
Part-time Job off campus		29%	30%	29%	27%	79	22%	34%	24%	24%
Full-time job while in college		3.1%	2.7%	2.6%	1.5%	9	2.5%	5.5%	3.2%	3.4%
Grants/Scholarships										
PELL grant		35%	37%	38%	30%	85	24%	27%	21%	22%
Supplemental Educational Opportunity Grant		5%	6%	5%	5%	13	4%	5%	5%	6%
State scholarship or grant		16%	17%	23%	17%	84	23%	15%	16%	17%
College Work-Study grant		5%	4%	3%	3%	16	4%	4%	9%	12%
College grant/scholarship (other)		7%	7%	6%	6%	36	10%	13%	25%	27%
Vocational Rehab funds		(a)	(a)	(a)	4.7%	21	5.8%	1.5%	0.9%	1.0%
other Private grant		9%	8%	10%	9%	31	9%	6%	9%	10%
other Government aid (ROTC,BIA,GI,etc)		4.3%	5.2%	4.1%	3.6%	15	4.2%	2.9%	3.5%	2.7%
Loans										
Stafford Loan (GSL)		46%	48%	51%	34%	140	39%	19%	21%	25%
Perkins Loan		3.5%	1.2%	0.9%	1.7%	6	1.7%	5.3%	6.3%	8.7%
other College loan		7.0%	7.6%	9.1%	13.5%	54	15.0%	8.7%	10.5%	10.8%
Other Loan		8.6%	10.4%	8.8%	15.2%	52	14.4%	5.7%	6.4%	6.9%
Other Sources		3.5%	4.1%	4.4%	5.6%	26	7.2%	4.1%	6.2%	5.2%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-6
COLLEGE FINANCES
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response	Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
19 **Expect $1,500+ from:**									
Personal/Family resources									
Parents/family/friends	36%	38%	39%	41%	212	59%	30%	50%	52%
Spouse	0.4%	0.9%	0.6%	2.8%	5	1.4%	0.7%	0.2%	0.3%
Savings from Summer Work	6.4%	8.2%	7.4%	9.0%	40	11.1%	4.0%	8.1%	8.2%
other Savings	4.7%	5.0%	5.7%	7.9%	31	8.6%	4.2%	6.6%	7.3%
Part-time Job on Campus	0.3%	0.3%		0.4%	4	1.1%	0.4%	1.5%	2.6%
Part-time Job off campus	1.5%	1.8%	1.7%	4.7%	11	3.1%	3.2%	2.2%	2.6%
Full-time job while in college	1.1%	1.1%	1.5%	0.4%	4	1.1%	1.8%	1.0%	1.2%
Grants/Scholarships									
PELL grant	6.5%	8.1%	5.6%	4.5%	20	5.6%	6.7%	5.6%	6.2%
Supplemental Educational Opportunity Grant	0.7%	1.0%	0.4%	0.9%	5	1.4%	0.7%	0.6%	1.1%
State scholarship or grant	1.8%	2.0%	2.2%	2.8%	16	4.4%	2.5%	3.7%	4.6%
College Work-Study grant	0.2%	0.3%			3	0.8%	0.3%	1.1%	1.8%
College grant/scholarship (other)	0.9%	0.9%	0.6%	0.9%	16	4.4%	5.3%	10.6%	17.0%
Vocational Rehab funds	(a)	(a)	(a)	2.4%	7	1.9%	0.5%	0.3%	0.4%
other Private grant	3.1%	2.4%	1.9%	2.6%	8	2.2%	1.3%	2.0%	3.1%
other Government aid (ROTC,BIA,GI,etc)	2.7%	2.7%	2.3%	2.4%	7	1.9%	1.2%	2.4%	1.6%
Loans									
Stafford Loan (GSL)	32%	35%	27%	17%	80	22%	8%	10%	13%
Perkins Loan	1.8%	0.6%	0.2%	0.2%	1	0.3%	1.1%	1.7%	2.8%
other College loan	3.6%	4.5%	4.9%	9.4%	34	9.4%	4.3%	6.0%	6.5%
Other Loan	4.6%	5.4%	4.0%	10.0%	33	9.2%	2.9%	3.6%	4.3%
Other Sources	2.3%	2.7%	2.3%	3.2%	17	4.7%	1.5%	3.0%	2.5%

(a) Item not included in survey this particular year.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-7
EDUCATIONAL & CAREER EXPECTATIONS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
17 **HIGHEST DEGREE PLANNED**										
At chosen College	N=	709	704		227	183				
none		4.0%	3.2%	(a)	2.2%	1	0.5%	3.3%	2.6%	2.1%
Vocational Certificate		16.2%	14.5%	(a)	5.7%	4	2.2%	4.0%	0.2%	1.5%
Associate		72.6%	70.1%	(a)	64.3%	94	51.4%	70.5%	3.1%	25.3%
Bachelor's			8.4%	(a)	26.0%	78	42.6%	14.4%	70.5%	50.2%
Master's									18.8%	14.4%
PhD/EdD									2.2%	2.4%
MD, DO, DDS, DVM									0.6%	1.7%
LLB/JD (law)									0.2%	0.6%
BD/MDIV (Divinity)									0.2%	0.2%
other		7.2%	3.9%	(a)	1.7%	6	3.1%	7.8%	1.4%	1.6%
Anywhere	N=	709	704	875	323	260				
none		2.8%	1.8%	4.2%	0.6%	6	2.3%	1.4%	0.7%	0.8%
Vocational Certificate		15.8%	15.1%	10.2%	5.6%	18	6.9%	3.4%	0.1%	1.1%
Associate		36.5%	31.0%	42.6%	37.2%	99	38.1%	15.2%	0.7%	4.9%
Bachelor's		30.5%	32.0%	30.1%	43.7%	93	35.8%	29.3%	28.1%	25.0%
Master's		10.9%	16.2%	9.0%	7.7%	37	14.2%	34.9%	43.4%	39.4%
PhD/EdD		1.7%	1.6%	1.3%	2.5%	6	2.3%	8.8%	16.2%	15.3%
MD, DO, DDS, DVM		0.4%	0.3%	0.3%	0.6%	1	0.4%	2.8%	6.7%	8.1%
LLB/JD (law)		0.1%	0.4%	0.5%	0.6%			1.6%	2.5%	3.4%
BD/MDIV (Divinity)		0.1%						0.3%	0.3%	0.3%
other		1.1%	1.7%	1.8%	1.5%			2.4%	1.4%	1.7%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-7
EDUCATIONAL & CAREER EXPECTATIONS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
36 **PROBABLE MAJOR FIELD OF STUDY**	N=	954	957	792	430	296				
BUSINESS (& Computer)										
Accounting/Business Admin/Management		11.5%	8.6%	8.1%	7.9%	7	2.4%	11.5%	10.7%	10.2%
Finance								0.4%	0.9%	1.0%
Marketing		0.2%	0.2%		0.2%	1	0.3%	1.4%	2.2%	2.0%
Secretarial studies		3.5%	2.3%	1.9%	2.6%	6	2.0%	1.3%	0.1%	0.5%
other Business (incl International)		0.7%	1.2%	1.2%	0.9%			1.6%	1.9%	2.2%
Comp Sci/Programming/Data Processing		1.3%	3.7%	2.7%	5.4%	9	3.0%	5.9%	5.1%	4.6%
SUB-TOTAL		17.2%	16.0%	13.9%	17.0%	23	7.8%	22.1%	20.9%	20.5%
TECHNICAL-Building/Construction/Design										
Architecture/urban planning		2.5%	4.5%	4.0%	2.3%	9	3.0%	1.2%	0.6%	1.1%
Building trades		9.7%	9.8%	10.0%	10.0%	32	10.8%	1.4%		0.5%
Drafting/design		2.5%	2.8%	2.4%	4.0%	15	5.1%	1.1%	0.4%	0.5%
Electronics		4.3%	3.3%	2.9%	3.3%	13	4.4%	0.8%	0.1%	0.3%
SUB-TOTAL		19.0%	20.4%	19.3%	19.6%	69	23.3%	4.5%	1.1%	2.4%
PROFESSIONAL-Health Professions										
Health technology (medical/dental/lab)		2.3%	1.8%	1.6%	3.3%	18	6.1%	2.3%	0.9%	1.3%
Home Economics								0.1%	0.1%	0.1%
Nursing		2.7%	1.9%	6.6%	2.1%	11	3.7%	6.2%	2.6%	3.5%
Pharmacy		0.2%						0.7%	0.9%	0.9%
Physical Education/Recreation								1.6%	1.6%	1.2%
Pre-Dental/Medical/Veterinarian			0.4%	0.2%	0.7%			1.3%	3.3%	3.9%
Therapy (occupational/physical/speech)		1.2%	2.3%	1.8%	3.0%	6	2.0%	3.3%	4.3%	3.6%
SUB-TOTAL		6.4%	6.4%	10.2%	9.1%	35	11.8%	15.5%	13.7%	14.5%
ENGINEERING (excl aeronautical)										
Civil		1.8%	1.8%	2.7%	3.0%	5	1.7%	1.1%	1.2%	1.1%
Electrical/electronic		6.1%	4.7%	4.7%	2.1%	18	6.1%	2.5%	2.2%	2.4%
Industrial/Mechanical		3.5%	2.8%	4.2%	2.1%	7	2.4%	1.8%	2.3%	2.2%
other Engineering (incl Chemical)		2.4%	0.5%	1.2%	2.6%	16	5.4%	2.8%	2.4%	3.0%
SUB-TOTAL		13.8%	9.8%	12.8%	9.8%	46	15.5%	8.2%	8.1%	8.7%

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CIRP FRESHMAN SURVEY

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EDUCATIONAL & CAREER EXPECTATIONS
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Fall 1997

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35 **PROBABLE MAJOR FIELD OF STUDY (cont)**									
ARTS & HUMANITIES/PHYSICAL & SOCIAL SCIENCES/EDUCATION									
Art, fine & applied	3.0%	3.6%	3.3%	3.3%	12	4.1%	1.8%	2.2%	2.0%
Journalism/Communications (radio/TV/etc)	1.6%	1.1%	1.7%	2.8%	2	0.7%	2.2%	2.9%	3.2%
other Arts & Humanities	1.4%	1.2%	1.5%	1.1%	4	1.4%	3.8%	5.4%	6.3%
BIOLOGICAL SCIENCES (excl. Environmental)	0.7%	0.9%	0.9%	1.6%			2.5%	6.1%	5.6%
PHYSICAL SCIENCES	0.4%	0.7%	0.6%	0.8%			1.1%	2.9%	2.2%
Psychology	0.7%	0.9%	1.2%	0.5%			2.8%	4.2%	3.8%
Social work	2.7%	3.3%	3.4%	1.2%	5	1.7%	1.5%	1.1%	1.1%
other Social science	0.4%	0.5%	0.5%	0.5%	2	0.7%	1.6%	3.1%	2.4%
Elementary Education	3.0%	3.3%	2.2%	1.2%	5	1.7%	5.2%	7.7%	5.1%
Secondary Education	0.3%	0.3%	0.7%				1.6%	3.0%	2.0%
other Education (excl. Phys Ed/Recreation)	1.6%	1.6%	1.9%	1.7%	8	2.7%	1.2%	2.7%	1.8%
SUB-TOTAL	15.8%	17.4%	17.9%	14.7%	38	12.8%	25.3%	41.3%	36.6%
OTHER FIELDS-Natural Resources/Mechanics									
Aeronautical/astronautical engineering	0.1%	0.2%	0.5%	0.2%			0.1%	0.7%	0.5%
Agriculture	0.5%	1.7%	0.6%	1.6%	3	1.0%	2.7%	0.9%	1.4%
Envrionmental Science					2	0.7%	0.7%	0.8%	0.7%
Forestry	2.4%	2.5%	3.0%	6.3%	3	1.0%	1.4%	0.5%	0.6%
Mechanics	8.3%	6.5%	6.2%	5.3%	26	8.8%	2.2%		0.7%
SUB-TOTAL	11.3%	10.9%	10.3%	13.4%	34	11.5%	7.1%	2.9%	3.9%
OTHER FIELDS									
other Professional (incl Library sci)	2.0%	1.2%	2.4%	3.1%	5	1.7%	1.3%	0.9%	1.1%
other Technical	8.4%	10.3%	7.2%	6.7%	23	7.8%	1.4%	0.1%	0.5%
Law enforcement/Military science	0.7%	0.6%	1.1%	1.4%			4.2%	2.0%	2.2%
other field	4.0%	4.8%	3.6%	4.2%	18	6.1%	3.3%	1.2%	1.9%
undecided	1.0%	1.6%	1.0%	1.2%	5	1.7%	6.7%	8.0%	7.6%

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Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997 Public 2-Year	Public 4-Year	All Institutions
30 **PROBABLE CAREER OCCUPATION**	N=	933	899	792	401	318				
Architect		4.2%	5.5%	4.4%	4.5%	15	4.7%	2.2%	0.8%	1.5%
Artist		5.0%	4.2%	4.5%	4.3%	15	4.7%	4.7%	6.3%	6.6%
Business		14.9%	13.1%	12.3%	13.9%	27	8.5%	13.8%	14.3%	14.3%
Business (clerical)		1.7%	2.0%	1.4%	2.0%	5	1.6%	1.7%	0.7%	0.9%
Clergy			0.1%					0.2%	0.2%	0.4%
College teacher/administrator/staff		0.2%		0.3%	0.2%	1	0.3%	0.2%	0.4%	0.5%
Computer programmer/analyst		1.9%	3.8%	2.7%	6.0%	14	4.4%	6.1%	4.6%	4.5%
Doctor/Dentist (MD/DDS)		0.1%	1.0%	0.5%	2.4%	9	2.8%	2.3%	4.8%	6.3%
Education (secondary)		1.2%	1.1%	1.6%	0.7%	2	0.6%	3.3%	6.4%	4.1%
Education (elementary)		2.5%	2.9%	2.4%	1.5%	7	2.2%	5.3%	8.8%	5.6%
Engineer		8.4%	8.1%	10.0%	9.0%	36	11.3%	6.4%	7.4%	7.7%
Farmer/forester		2.1%	2.8%	2.3%	4.7%	4	1.3%	2.8%	1.1%	1.5%
Health Professional (non-MD)		2.8%	2.8%	2.0%	2.7%	16	5.0%	6.8%	8.5%	7.5%
Homemaker (full-time)		0.4%	0.8%	0.6%	0.2%	1	0.3%	0.3%	0.1%	0.2%
Lawyer		0.3%	1.3%	1.5%	2.0%	1	0.3%	2.0%	2.5%	3.3%
Military career		0.2%	0.2%	0.1%	0.2%	1	0.3%	0.2%	1.8%	0.7%
Nurse		2.8%	1.7%	5.7%	2.0%	12	3.8%	5.9%	2.6%	3.3%
Research scientist		0.2%	0.1%		0.5%			0.8%	2.1%	1.8%
Social/welfare/recreation worker		2.4%	1.9%	2.7%	0.7%	7	2.2%	1.7%	1.5%	1.4%
Skilled worker		23.2%	22.1%	21.0%	18.2%	71	22.3%	4.0%	0.4%	1.5%
other career		19.7%	19.0%	18.9%	20.0%	64	20.1%	18.6%	13.1%	14.7%
undecided		5.7%	5.2%	5.2%	3.7%	10	3.1%	11.1%	11.6%	11.9%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-7
EDUCATIONAL & CAREER EXPECTATIONS
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
38 **EDUCATIONAL/CAREER EXPECTATIONS**										
(b) **Chances very good that student will:**	N=	947	953	792	400	340				
change major field		3%	3%	2%	5%	15	4%	10%	13%	13%
change career choice		3%	4%	3%	4%	8	2%	10%	12%	12%
fail one or more courses		1.1%	1.4%	0.4%	2.1%	6	1.7%	1.8%	1.3%	1.3%
graduate with honors		9%	11%	7%	9%	32	9%	15%	18%	19%
be elected to student office		1.5%	1.8%	0.5%	2.6%	11	3.2%	2.5%	3.3%	3.4%
get job to help pay college expenses		34%	36%	34%	36%	118	34%	39%	40%	40%
work full-time while attending		5%	4%	4%	6%	11	3%	11%	6%	6%
join social frat/sorority/club		3%	6%	3%	5%	25	7%	9%	17%	16%
play varsity/intercollegiate athletics		5%	7%	7%	7%	26	8%	14%	16%	16%
be elected to academic honor society		1.9%	2.9%	1.7%	3.3%	12	3.5%	6.3%	9.5%	9.9%
make at least B average		34%	35%	31%	30%	126	36%	41%	48%	50%
need extra time to complete degree		6.0%	6.5%	8.4%	8.9%	26	7.6%	7.4%	8.7%	7.3%
get bachelor's degree		21%	25%	27%	29%	119	35%	45%	74%	67%
participate in student protests		2.1%	3.0%	2.4%	3.8%	8	2.3%	3.2%	4.2%	4.4%
drop out temporarily (excl transfer)		1.3%	1.6%	0.7%	1.2%	3	0.9%	1.7%	0.8%	1.1%
drop out permanently (excl transfer)		0.9%	0.9%	0.4%	1.7%	3	0.9%	1.3%	0.8%	0.8%
transfer to other college before graduating		9%	9%	9%	8%	17	5%	18%	11%	11%
be satisfied with college		47%	44%	44%	43%	151	43%	39%	45%	48%
marry while in college		3.8%	4.3%	4.9%	5.7%	12	3.5%	5.0%	5.9%	4.9%
participate in volunteer/community service		(a)	6.6%	9.4%	8.4%	34	9.8%	9.2%	17.4%	19.0%
seek personal counseling		3.4%	2.4%	(a)	(a)	20	5.8%	5.3%	5.4%	5.4%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Very Good Chance, Some Chance, Very Little Chance, No Chance.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-8
PERSONAL GOALS/VALUES
PENN COLLEGE FRESHMAN COMPARED TO NATIONAL NORMS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College: Prior years 1989 %	1990 %	1992 %	1995 %	Penn College 1997 N	1997 %	National Norms 1997: Public 2-Year	Public 4-Year	All Institutions
37 **PERSONAL GOALS/VALUES**										
(b) **Very important to:**	N=	985	979	835	410	340				
become accomplished in performing arts		6%	6%	5%	10%	26	8%	10%	12%	13%
become authority in my field		64%	62%	64%	64%	213	63%	59%	63%	63%
obtain recognition from colleagues in field		49%	49%	45%	46%	166	49%	48%	54%	53%
influence political structure		13%	14%	13%	16%	33	10%	14%	16%	17%
influence social values		28%	31%	29%	25%	94	27%	34%	38%	38%
raise a family		65%	67%	69%	67%	228	67%	69%	74%	73%
have administrative responsibility		42%	40%	37%	41%	127	37%	38%	40%	38%
be very well off financially		78%	79%	78%	77%	273	79%	79%	76%	75%
help others in difficulty		51%	51%	49%	46%	164	48%	55%	63%	61%
make theoretical contribution to science		13%	12%	10%	15%	51	15%	16%	17%	17%
write original works		6%	7%	6%	11%	28	8%	13%	13%	14%
create artistic work		12%	12%	12%	15%	53	16%	15%	13%	14%
become successful in my own business		52%	53%	51%	55%	178	51%	45%	40%	41%
become involved in environmental cleanup		24%	31%	29%	28%	76	22%	19%	20%	19%
develop meaningful philosophy of life		29%	31%	32%	34%	101	29%	33%	41%	41%
participate in community action program		14%	18%	13%	16%	59	17%	17%	23%	23%
help promote racial understanding		22%	22%	27%	23%	80	23%	27%	33%	32%
keep up to date with politics		22%	28%	22%	20%	63	18%	20%	26%	27%
become community leader		(a)	(a)	14%	20%	73	21%	23%	33%	31%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Essential, Very Important, Somewhat Important, Not Important.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-9
SUPPLEMENTAL ITEMS
PENN COLLEGE FRESHMEN
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College 1st-Time Full-Time						Others	
		Prior years							
		1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	Part-Time	Trans-fers
40 **TOP ALTERNATIVE TO PENN COLLEGE**	N=	936	910	766	367	328		5	31
Military service		14%	15%	14%	14%	39	12%	20%	10%
Finding a Job		28%	26%	28%	28%	76	23%	20%	32%
Keeping present Job		14%	15%	14%	12%	46	14%	20%	19%
Attending Different Type College		25%	25%	26%	26%	77	24%	20%	26%
Attending Other Technical/2-yr institution		20%	19%	19%	20%	90	27%	20%	13%
41 **TOP ALTERNATIVE COLLEGE (b)**	N=			772	368	207		1	20
State System U (e.g. Bloom, LHU, Mansfield)		(a)	(a)	6%	5%	43	21%	100%	25%
Penn State U (main or branch campus)		(a)	(a)	4%	5%	49	24%		35%
Community or technical college		(a)	(a)	(a)	(a)	33	16%		10%
Technical or trade school		(a)	(a)	(a)	(a)	61	30%		15%
Private college (e.g., Lycoming, Bucknell)		(a)	(a)	(a)	(a)	21	10%		15%
Other institution		(a)	(a)	29%	35%		(a)		
did not apply anywhere else		(a)	(a)	61%	55%		(a)		
42 **GREATEST CONCERN (before enrolling)**	N=	936	943	770	369	327		6	31
availability of quality programs here		22%	26%	24%	29%	95	29%	33%	19%
cost of education here		54%	49%	54%	44%	130	40%	50%	52%
distance of Penn College from home		11%	10%	13%	14%	52	16%		16%
insufficient information about Penn College		4%	5%	4%	6%	17	5%		7%
finding adequate housing		9%	11%	6%	7%	33	10%	17%	7%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-9
SUPPLEMENTAL ITEMS
PENN COLLEGE FRESHMEN
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College 1st-Time Full-Time: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	Others: Part-Time	Others: Transfers
SENSE OF COMFORT/WELCOME AT PENN COLLEGE:									
43 **During Application Process**	N=		945	772	369	336		6	31
Very welcome & comfortable		(a)	28%	31%	29%	124	37%	50%	36%
Somewhat welcome & comfortable		(a)	42%	36%	35%	121	36%	50%	42%
Just okay		(a)	25%	29%	30%	76	23%		23%
Somewhat unwelcome & uncomfortable		(a)	3.6%	3.1%	5.1%	10	3.0%		
Very unwelcome & uncomfortable		(a)	1.5%	0.5%	1.6%	5	1.5%		
44 **Since Arrival for classes**	N=		949	774	372	337		6	31
Very welcome & comfortable		(a)	38%	42%	39%	153	45%	50%	42%
Somewhat welcome & comfortable		(a)	40%	37%	39%	114	34%	50%	42%
Just okay		(a)	18%	18%	18%	56	17%		16%
Somewhat unwelcome & uncomfortable		(a)	2.4%	1.2%	2.7%	9	2.7%		
Very unwelcome & uncomfortable		(a)	1.5%	1.0%	1.9%	5	1.5%		
45 **PENN COLLEGE MEDIA INFLUENCE (b)**	N=	902	923	764	368	320		6	29
Radio, television, newspapers		17%	19%	17%	20%	14	4%		14%
School counselor or teacher		(a)	(a)	(a)	(a)	126	39%	33%	28%
Penn College graduate		(a)	(a)	(a)	(a)	47	15%		10%
Penn College student or employee		(a)	(a)	(a)	(a)	51	16%	17%	24%
Printed materials (poster,brochure,catalog,etc)		54%	46%	45%	44%	82	26%	50%	24%
Haven't noticed such information		29%	35%	38%	37%		(a)		
PENN STATE-PENN COLLEGE AFFILIATION:									
46 **Factor in choosing Penn College**	N=	907	917	763	363	329		6	30
Very substantial, positive factor		12%	17%	19%	18%	55	17%	17%	27%
Positive factor		27%	33%	39%	41%	137	42%	33%	27%
Not a factor		54%	40%	38%	36%	124	38%	17%	43%
Negative factor		5.0%	6.3%	2.6%	3.0%	5	1.5%	16.7%	3.3%
Very substantial, negative factor		2.0%	4.0%	2.1%	1.7%	8	2.4%	16.7%	

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-9
SUPPLEMENTAL ITEMS
PENN COLLEGE FRESHMEN
Fall 1997

SURVEY ITEM #	DESCRIPTION / Response		Penn College 1st-Time Full-Time: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	Others: Part-Time	Others: Transfers
47	**PERSONAL SAFETY CONCERNS**	N=					330		6	28
	Not at all		(a)	(a)	(a)	(a)	98	30%	17%	32%
	Somewhat important concern		(a)	(a)	(a)	(a)	157	48%	33%	46%
	Major concern		(a)	(a)	(a)	(a)	60	18%	50%	11%
	Primary concern		(a)	(a)	(a)	(a)	15	4.5%		10.7%
48	**ENROLLMENT DECISION AFFECTED BY**	N=					328		6	29
	Articulation agreements		(a)	(a)	(a)	(a)	22	7%		
	Advanced placement opportunity		(a)	(a)	(a)	(a)	54	17%	33%	10%
	Scholarship to Penn College		(a)	(a)	(a)	(a)	34	10%		14%
	Transfer agreement		(a)	(a)	(a)	(a)	20	6%		17%
	None of the above		(a)	(a)	(a)	(a)	198	60%	67%	59%
49	**ENROLLMENT DECISION AFFECTED BY**	N=					321		5	29
	Co-curricular opportunities		(a)	(a)	(a)	(a)	11	3.4%		13.8%
	Inter-collegiate sports		(a)	(a)	(a)	(a)	27	8.4%		3.4%
	Prospects of internships or Co-Op		(a)	(a)	(a)	(a)	64	20%	20%	10%
	Work-study in area of major		(a)	(a)	(a)	(a)	69	22%	40%	14%
	None of the above		(a)	(a)	(a)	(a)	150	47%	40%	59%
	PRIOR CAMPUS VISITS	N=					318		5	25
50	VICA State competition		(a)	(a)	(a)	(a)	28	9%		16%
51	Career Day		(a)	(a)	(a)	(a)	38	12%	33%	8%
52	Fall Visitation		(a)	(a)	(a)	(a)	152	48%	33%	28%
53	Open House		(a)	(a)	(a)	(a)	201	62%	60%	42%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE A-9
SUPPLEMENTAL ITEMS
PENN COLLEGE FRESHMEN
Fall 1997

SURVEY ITEM # DESCRIPTION / Response	Penn College 1st-Time Full-Time: Prior years 1989 %	1990 %	1992 %	1995 %	1997 N	1997 %	Others: Part-Time	Others: Transfers
RESIDENCY/HOUSING STATUS N=					360			
Non-commuters								
College-owned housing								
Campus View Apartments	(a)	(a)	(a)	(a)	18	5.0%		
Village at Penn College	(a)	(a)	(a)	(a)	219	60.8%		
College-owned housing - total	(a)	(a)	(a)	(a)	237	65.8%		
Private student housing								
Private home, walking distance, w/parents	(a)	(a)	(a)	(a)	7	1.9%		
Private home, walking distance, independent	(a)	(a)	(a)	(a)	5	1.4%		
Bower Student Housing	(a)	(a)	(a)	(a)	2	0.6%		
College West	(a)	(a)	(a)	(a)	24	6.7%		
Penn Center	(a)	(a)	(a)	(a)	14	3.9%		
Student Station	(a)	(a)	(a)	(a)	2	0.6%		
Private Apartment - West Third Street	(a)	(a)	(a)	(a)	4	1.1%		
Private Apartment - West Fourth Street	(a)	(a)	(a)	(a)	9	2.5%		
Private student housing - total	(a)	(a)	(a)	(a)	67	18.6%		
Non-commuters - total	(a)	(a)	(a)	(a)	304	84.4%		
Commuters								
Private home, not walking distance, w/parents	(a)	(a)	(a)	(a)	12	3.3%		
Private home, not walking distance, independen	(a)	(a)	(a)	(a)	6	1.7%		
Private Apartment - Other location	(a)	(a)	(a)	(a)	10	2.8%		
Other housing	(a)	(a)	(a)	(a)	2	0.6%		
Commuters - total	(a)	(a)	(a)	(a)	30	8.3%		
North Campus	(a)	(a)	(a)	(a)	22	6.1%		
Housing Status not given	(a)	(a)	(a)	(a)	4	1.1%		

(a) Item not included in survey this particular year.
(b) Response options for this item were revised in 1997, with some new options added and others collapsed together.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

SECTION B
PENN COLLEGE FRESHMEN
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-1
DEMOGRAPHICS/FAMILY BACKGROUND
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
1 **SEX**	N=	360	32	90	53	8	68	56	23	30	22	211	149
Female		33.1%	56%	6%	96%	38%	3%	68%	9%		86%	4.3%	73.8%
Male		66.9%	44%	94%	4%	63%	97%	32%	91%	100%	14%	95.7%	26.2%
2 **AGE (on 12/31)**	N=	357	31	90	53	8	68	54	23	30	21	211	146
18 or younger		51.9%	58%	42%	59%	50%	56%	50%	52%	57%	14%	49.8%	54.8%
19		37.5%	26%	47%	32%	25%	41%	32%	44%	33%	24%	42.7%	30.1%
20		5.6%	3.2%	10.0%	1.9%	12.5%	2.9%	5.6%	4.3%	6.7%	9.5%	6.6%	4.1%
21 - 24		1.7%		1.1%	1.9%			5.6%		3.3%	19.0%	0.9%	2.7%
25 - 29		1.1%	3.2%		3.8%	12.5%					14.3%		2.7%
30 - 39		1.4%	6.5%					5.6%			14.3%		3.4%
40 or older		0.8%	3.2%		1.9%			1.9%			4.8%		2.1%
3 **HIGH SCHOOL GRADUATION YEAR**	N=	358	31	90	53	8	68	55	23	30	21	211	147
This year		89.4%	84%	91%	87%	75%	97%	82%	96%	90%	33%	93.4%	83.7%
1 year prior		4.2%		4.4%	5.7%	12.5%	1.5%	7.3%	4.3%	3.3%	14.3%	3.3%	5.4%
2 years prior		2.0%	3.2%	2.2%			1.5%	3.6%		3.3%	14.3%	1.9%	2.0%
3 years or more prior		3.4%	9.7%	1.1%	7.5%			5.5%		3.3%	33.3%	0.9%	6.8%
High school equivalency (GED)		1.1%	3.2%	1.1%		12.5%		1.8%			4.8%	0.5%	2.0%
never completed high school													
28 **RACIAL/ETHNIC BACKGROUND (b)**	N=	353	32	87	53	8	68	54	23	28	22	206	147
White/Caucasian		97.2%	94%	97%	100%	100%	97%	96%	100%	96%	96%	97.1%	97.3%
African-American/Black		0.3%						1.9%					0.7%
American Indian		3.1%	3.1%	4.6%	1.9%		2.9%	3.7%	4.3%			3.4%	2.7%
Asian-American		1.2%	3.1%	1.1%				1.9%		3.6%	4.5%	1.0%	1.4%
Mexican-American/Chicano		0.6%		1.1%			1.5%					1.0%	
Puerto Rican		0.8%	3.1%	1.1%				1.9%			4.5%	0.5%	1.4%
other Latino		0.3%					1.5%					0.5%	
other		2.0%	6.3%	4.6%			1.5%					2.4%	1.4%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-1
DEMOGRAPHICS/FAMILY BACKGROUND
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
8 **CITIZENSHIP**	N=	349	30	89	53	8	67	51	21	30	20	207	142
U S citizen		99.7%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Permanent resident (green card)													
International student		0.3%		1.1%								0.5%	
21 **NATIVE LANGUAGE**	N=	352	31	88	53	8	67	55	21	29	21	205	147
English		97.7%	100%	97%	98%	100%	97%	96%	100%	100%	100%	98%	98%
not English		2.3%		3.4%	1.9%		3.0%	3.6%				2.4%	2.0%
18 **PARENTS' STATUS**	N=	350	31	87	53	8	66	54	22	29	20	204	146
Living with each other		76.0%	71%	79%	79%	88%	71%	72%	77%	79%	50%	76.5%	75.3%
Divorced or Separated		20.6%	23%	17%	19%	13%	27%	20%	18%	21%	25%	21.1%	19.9%
one or both Deceased		3.4%	7%	3%	2%		2%	7%	5%		25%	2.5%	4.8%
20 **FAMILY SIZE (# dependents incl. parents)**	N=	337	29	85	52	7	65	51	21	27	15	198	139
One		13.6%	7%	19%	8%		9%	22%	10%	19%	20%	14.6%	11.6%
Two		21.1%	21%	18%	29%		15%	24%	24%	30%	33%	19.2%	22.6%
Three		21.1%	14%	18%	23%	14%	29%	22%	14%	22%	13%	21.7%	19.2%
Four		28.2%	41%	35%	27%	43%	29%	18%	19%	15%	27%	28.8%	26.0%
Five or more		16.0%	17%	11%	13%	43%	17%	16%	33%	15%	7%	15.7%	15.8%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-1
DEMOGRAPHICS/FAMILY BACKGROUND
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
26 **FATHER'S EDUCATION**	N=	346	32	87	52	8	66	51	22	28	19	203	143
some High School		9.5%	18.7%	8.0%	9.6%		10.6%	11.7%		7.2%	31.6%	7.9%	11.9%
High School Graduate		43.9%	50%	48%	42%	25%	32%	47%	59%	43%	47%	43.3%	44.8%
Postsecondary other than college		8.1%		5%	10%		15%	6%	18%	7%		9.9%	5.6%
some College		11.8%	16%	12%	14%	13%	12%	12%	9%	7%	11%	10.8%	13.3%
College degree		20.5%	9%	22%	23%	50%	21%	20%	9%	25%	5%	20.7%	20.3%
some Graduate school													
Graduate degree		6.1%	6.3%	5.7%	1.9%	12.5%	9.1%	3.9%	4.5%	10.7%	5.3%	7.4%	4.2%
30 **FATHER'S CAREER**	N=	310	31	78	46	7	60	46	18	24	18	180	130
Artist		0.3%					1.7%					0.6%	
Business		18.4%	12.9%	24.4%	15.2%	14.3%	13.3%	13.0%	33.3%	25.0%	5.6%	21.7%	13.8%
Business (clerical)		0.6%	3.2%	1.3%								0.6%	0.8%
Clergy													
College teacher													
Doctor/Dentist (MD/DDS)		1.3%		2.6%			3.3%					2.2%	
Education (secondary)		3.5%	3.2%	1.3%		14.3%	8.3%	4.3%		4.2%		3.9%	3.1%
Education (elementary)		0.3%						2.2%					0.8%
Engineer		7.7%	3.2%	2.6%	15.2%	14.3%	10.0%	8.7%	5.6%	8.3%	11.1%	6.1%	10.0%
Farmer/Forester		2.3%		2.6%	2.2%		3.3%	2.2%		4.2%		2.8%	1.5%
Health Professional (non-MD)		1.0%					1.7%	2.2%		4.2%		1.1%	0.8%
Homemaker (full-time)													
Lawyer		0.3%							5.6%			0.6%	
Military career		1.3%	6.5%	1.3%	2.2%						5.6%	0.6%	2.3%
Nurse													
Research scientist		0.3%					1.7%					0.6%	
Social/welfare/recreation worker													
Skilled worker		19.7%	22.6%	21.8%	13.0%	14.3%	26.7%	10.9%	16.7%	25.0%	22.2%	23.3%	14.6%
Semi-skilled worker		4.5%	9.7%	5.1%	2.2%		1.7%	8.7%		4.2%	11.1%	3.3%	6.2%
Unskilled worker		9.7%	6.5%	11.5%	19.6%		3.3%	17.4%			22.2%	6.1%	14.6%
other career		25.5%	25.8%	20.5%	26.1%	28.6%	23.3%	30.4%	38.9%	25.0%	16.7%	23.9%	27.7%
unemployed		3.2%	6.5%	5.1%	4.3%	14.3%	1.7%				5.6%	2.8%	3.8%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-1
DEMOGRAPHICS/FAMILY BACKGROUND
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
26 **MOTHER'S EDUCATION**	N=	347	32	87	53	8	65	52	22	28	19	202	145
some High School		6.6%	3.1%	2.3%	11.3%	12.5%	3.1%	15.3%	4.5%	7.2%	31.6%	3.5%	11.0%
High School Graduate		48.4%	63%	54%	51%	13%	43%	54%	50%	21%	58%	45.5%	52.4%
Postsecondary other than college		8.9%	13%	7%	17%		12%	4%	5%	4%		7.9%	10.3%
some College		8.1%	3%	5%	4%	25%	12%	6%	14%	18%		9.9%	5.5%
College degree		19.9%	13%	25%	11%	25%	20%	15%	18%	36%	5%	24.3%	13.8%
some Graduate school		1.2%		2.3%		12.5%				3.6%		1.5%	0.7%
Graduate degree		6.9%	6.3%	4.6%	5.7%	12.5%	9.2%	5.8%	9.1%	10.7%	5.3%	7.4%	6.2%
30 **MOTHER'S CAREER**	N=	321	32	83	48	7	60	48	19	24	19	186	135
Artist		0.3%								4.2%		0.5%	
Business		10.6%	12.5%	9.6%	4.2%	42.9%	11.7%	16.7%	5.3%	4.2%		9.1%	12.6%
Business (clerical)		6.2%		6.0%	8.3%		5.0%	6.3%	10.5%	12.5%		7.0%	5.2%
Clergy													
College teacher													
Doctor/Dentist (MD/DDS)		1.9%		1.2%	2.1%		3.3%			8.3%		2.7%	0.7%
Education (secondary)		3.4%	3.1%	6.0%				6.3%	5.3%	4.2%		3.8%	3.0%
Education (elementary)		5.6%	9.4%	3.6%	4.2%		10.0%		10.5%	8.3%		7.0%	3.7%
Engineer		0.3%			2.1%								0.7%
Farmer/Forester		0.6%			2.1%		1.7%					0.5%	0.7%
Health Professional (non-MD)		3.4%		2.4%	6.3%	14.3%	3.3%	4.2%		4.2%		2.7%	4.4%
Homemaker (full-time)		9.0%	6.3%	10.8%	4.2%	28.6%	5.0%	10.4%	10.5%	16.7%	15.8%	9.7%	8.1%
Lawyer													
Military career													
Nurse		12.1%	9.4%	15.7%	12.5%		11.7%	10.4%	5.3%	16.7%	15.8%	13.4%	10.4%
Research scientist													
Social/welfare/recreation worker		1.2%		2.4%			3.3%					2.2%	
Skilled worker		2.8%	6.3%	2.4%	6.3%		3.3%					2.2%	3.7%
Semi-skilled worker		5.0%	6.3%	4.8%	8.3%		5.0%	4.2%	5.3%		10.5%	4.3%	5.9%
Unskilled worker		4.0%	3.1%	2.4%	12.5%		1.7%	4.2%		4.2%	10.5%	2.2%	6.7%
other career		27.1%	31.3%	28.9%	18.8%	14.3%	28.3%	31.3%	42.1%	12.5%	36.5%	28.0%	25.9%
unemployed		6.2%	12.5%	3.6%	8.3%		6.7%	6.3%	5.3%	4.2%	10.5%	4.8%	8.1%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-1
DEMOGRAPHICS/FAMILY BACKGROUND
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
27 **PARENTAL INCOME (estimated)**	N=	310	29	80	46	8	59	46	18	24	16	181	129
Less than $6,000		3.5%	7%	6%	2%			7%			25%	2.8%	4.7%
$ 6,000 - $ 9,999		4.2%	7%	3%	11%	13%	3%	2%			13%	2.2%	7.0%
$ 10,000 - $ 14,999		3.2%		4%	9%			4%		4%		2.2%	4.7%
$ 15,000 - $ 19,999		2.9%		5%	2%			2%	6%	8%	6%	3.9%	1.6%
$ 20,000 - $ 24,999		6.1%	14%	5%	4%		9%	7%		4%	6%	5.5%	7.0%
$ 25,000 - $ 29,999		4.8%	7%	5%	9%		2%	7%		4%	19%	3.3%	7.0%
$ 30,000 - $ 39,999		13.9%	7%	18%	7%		19%	22%	11%	4%	13%	15.5%	11.6%
$ 40,000 - $ 49,999		15.8%	10%	14%	15%	13%	19%	17%	33%	8%		16.6%	14.7%
$ 50,000 - $ 74,999		26.2%	29%	28%	30%	50%	26%	13%	22%	33%	13%	27.1%	24.8%
$ 75,000 - $ 99,999		11.3%	10%	6%	7%	25%	14%	15%	11%	21%	6%	11.0%	11.6%
$100,000 +		8.1%	10%	8%	4%		10%	4%	17%	13%		9.9%	5.4%
5 **MILES FROM COLLEGE TO HOME**	N=	353	31	89	53	7	66	54	23	30	21	208	145
5 or less		4.2%	13%	5%				13%			19%	1.9%	7.6%
6 - 10		0.6%	3%		2%						5%		1.4%
11 - 50		14.2%	23%	8%	23%	14%	9%	26%	4%	7%	57%	7.7%	23.4%
51 - 100		26.9%	26%	27%	36%	29%	20%	33%	30%	13%	14%	23.1%	32.4%
over 100		54.1%	36%	61%	40%	57%	71%	28%	65%	80%	5%	67.3%	35.2%
12 **RESIDENCE/HOUSING PLANS**	N=	349	32	86	52	8	66	54	22	29	21	203	146
With Parents or relatives		8.3%	25%	5%	4%		8%	17%	5%		52%	4.9%	13.0%
Other Private home/apartment/room		22.6%	28%	23%	25%	38%	24%	15%	27%	14%	38%	22.7%	22.6%
College Dormitory		38.1%	25%	41%	37%	38%	38%	37%	41%	48%		40.9%	34.2%
Other Campus housing		28.1%	19%	30%	29%	25%	27%	26%	27%	38%		30.0%	25.3%
Fraternity/sorority house or other housing		2.9%	3%	1%	6%		3%	6%	-		10%	1.5%	4.8%

(a) Item not included in survey this particular year.
(b) Students permitted to check more than 1 response to this item, therefore percentages might add to more than 100%
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-2
HIGH SCHOOL PREPARATION/SELF-ASSESSMENT
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
25 **SELF-ASSESSMENT**													
(b) **Above average in:**	N=	345	31	84	52	8	64	52	23	28	19	199	143
Academic ability		29.7%	26%	27%	23%	50%	48%	26%	30%	14%	25%	32.2%	26.6%
Artistic ability		20.1%	6%	19%	11%	38%	12%	51%	26%	7%	5%	16.1%	25.9%
Competitiveness		41.4%	41%	44%	38%	25%	48%	36%	48%	36%	15%	44.7%	37.8%
Cooperativeness		60.3%	69%	57%	66%	25%	62%	68%	57%	46%	80%	56.8%	64.3%
Creativity		47.4%	39%	37%	32%	50%	57%	68%	57%	50%	32%	47.2%	47.6%
Drive to achieve		46.8%	41%	32%	53%	50%	64%	51%	52%	36%	50%	45.2%	49.0%
Emotional health		38.8%	41%	36%	26%	25%	52%	36%	44%	43%	30%	42.7%	33.6%
Leadership ability		41.2%	31%	35%	43%	38%	48%	40%	61%	39%	25%	42.7%	39.9%
Mathematical ability		28.5%	44%	28%	25%	25%	42%	13%	22%	25%	20%	31.2%	25.2%
Physical Health		49.9%	22%	49%	40%	75%	65%	51%	52%	57%	30%	55.3%	42.0%
Popularity		27.7%	28%	29%	28%		29%	23%	30%	32%	20%	30.2%	25.2%
Public Speaking ability		15.0%	16%	11%	9%	13%	20%	17%	26%	14%	15%	16.1%	14.0%
Self-Confidence (Intellectual)		41.4%	50%	35%	34%	50%	49%	40%	48%	43%	40%	41.7%	41.3%
Self-Confidence (Social)		35.9%	41%	33%	40%	38%	43%	32%	35%	25%	35%	35.2%	37.8%
Self-Understanding		42.4%	41%	41%	33%	50%	52%	49%	35%	36%	40%	42.7%	42.0%
Spirituality		32.5%	36%	23%	30%	50%	31%	53%	35%	21%	45%	26.6%	40.6%
Understanding of others		51.7%	63%	43%	55%	50%	55%	72%	44%	21%	65%	43.7%	61.5%
Writing ability		25.3%	28%	21%	28%	38%	28%	29%	30%	11%	30%	22.6%	29.4%
6 **HIGH SCHOOL GRADE AVERAGE**	N=	354	30	89	53	8	68	54	22	30	19	209	145
A or A+		5.6%	20.0%	3.4%	7.5%		4.4%	5.6%		3.3%	10.5%	3.3%	9.0%
A-		8.8%	6.7%	10.1%	11.3%	12.5%	13.2%	5.6%		3.3%		9.1%	8.3%
B+		18.9%	13.3%	18.0%	17.0%	12.5%	14.7%	29.6%	31.8%	13.3%	15.8%	17.7%	20.7%
B		32.2%	26.7%	28.1%	45.3%	50.0%	27.9%	29.6%	31.8%	36.7%	31.8%	29.7%	35.9%
B-		15.5%	13.3%	21.3%	9.4%	25.0%	19.1%	9.3%	13.6%	13.3%		18.7%	11.0%
C+		10.7%	10.0%	7.9%	3.8%		17.6%	9.3%	9.1%	23.3%	15.8%	13.4%	6.9%
C or D		8.2%	10.0%	11.2%	5.7%		2.9%	11.2%	13.6%	6.7%	26.4%	8.1%	8.3%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-2
HIGH SCHOOL PREPARATION/SELF-ASSESSMENT
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
9 **REMEDIAL WORK/TUTORING**													
Have had:	N=	360	32	90	53	8	68	56	23	30	22	211	149
English		11.7%	12.5%	15.6%	7.5%	12.5%	16.2%	5.4%	8.7%	10.0%	4.5%	14.2%	8.1%
Reading		8.1%	3.1%	13.3%	3.8%	25.0%	7.4%	1.8%	8.7%	13.3%	13.6%	10.9%	4.0%
Mathematics		16.1%	3.1%	18.9%	11.3%	37.5%	17.6%	19.6%	17.4%	13.3%	18.2%	17.5%	14.1%
Social studies		3.6%		5.6%	1.9%	25.0%	2.9%		4.3%	6.7%		4.7%	2.0%
Science		4.4%		5.6%	3.8%	12.5%	4.4%	3.6%	4.3%	6.7%		5.2%	3.4%
Foreign Language		4.2%		10.0%	1.9%		4.4%			6.7%		6.6%	0.7%
Will need:	N=	360	32	90	53	8	68	56	23	30	22	211	149
English		13.6%	6.3%	15.6%	7.5%	37.5%	13.2%	16.1%	26.1%	6.7%	4.5%	14.7%	12.1%
Reading		4.4%	3.1%	6.7%	3.8%	12.5%	1.5%	3.6%	4.3%	6.7%		4.7%	4.0%
Mathematics		31.4%	21.9%	30.0%	37.7%	37.5%	26.5%	32.1%	43.5%	33.3%	27.3%	30.8%	32.2%
Social studies		2.2%		1.1%	3.8%		2.9%	5.4%			4.5%	1.4%	3.4%
Science		6.1%	6.3%	2.2%	17.0%		4.4%	7.1%	8.7%		13.6%	3.3%	10.1%
Foreign Language		5.6%	3.1%	6.7%	1.9%	25.0%	2.9%	10.7%	8.7%		4.5%	4.7%	6.7%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Highest 10%, Above Average, Average, Below Average, Lowest 10%.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-3
STUDENT ACTIVITIES IN PAST YEAR
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
24 **FREQUENCY OF ACTIVITIES IN PAST YEAR**	N=	342	31	85	52	8	63	51	21	27	19	196	142
(b) **Frequently:**													
was bored in class		36.4%	28%	42%	28%	38%	37%	32%	52%	39%	14%	41.3%	30.3%
smoked cigarettes		27.6%	31%	31%	30%	38%	19%	24%	27%	32%	43%	27.6%	28.9%
felt overwhelmed		25.2%	29%	24%	45%	13%	22%	26%	14%	7%	60%	19.9%	33.1%
felt depressed		9.2%	10%	8%	17%	25%	6%	11%	5%		25%	6.1%	14.1%
asked teacher for advice		20.4%	16%	19%	26%	25%	27%	17%	18%	11%	15%	20.4%	21.1%
discussed politics		8.1%	10%	5%	6%	13%	11%	11%	9%	7%	10%	7.7%	9.2%
voted in student election		14.9%	26%	14%	13%	38%	17%	15%	5%	7%	10%	13.3%	16.3%
used personal computer		50.1%	81%	41%	45%	75%	60%	46%	48%	32%	40%	46.9%	55.6%
socialized w/person of other ethnicity		39.1%	32%	32%	51%	88%	44%	37%	41%	22%	25%	35.7%	43.7%
Occasionally:													
attended religious service		76.1%	65%	72%	85%	88%	77%	79%	86%	68%	50%	74.0%	78.2%
participated in demonstrations		43.3%	39%	44%	52%	50%	36%	47%	46%	36%	37%	41.3%	47.2%
tutored another student		35.5%	48%	25%	40%	38%	48%	36%	27%	21%	30%	32.1%	40.1%
studied with other students		72.8%	68%	67%	91%	63%	76%	81%	68%	44%	60%	66.8%	80.3%
was guest in teacher's home		25.0%	32%	26%	21%	13%	30%	17%	41%	18%	10%	28.1%	21.8%
drank beer		58.0%	53%	66%	64%	50%	52%	48%	59%	61%	60%	59.7%	54.9%
drank wine/liquor		52.4%	47%	58%	66%	50%	42%	46%	55%	54%	52%	51.0%	53.5%
performed volunteer work		68.5%	42%	67%	77%	88%	80%	64%	64%	64%	40%	70.4%	64.8%
played musical instrument		32.4%	23%	32%	40%	13%	39%	40%	24%	14%	15%	30.6%	34.5%
overslept & missed class/appointment		33.6%	29%	37%	43%	38%	23%	30%	50%	29%	30%	33.2%	35.2%
worked in political campaign		3.5%		6%	2%		6%	4%				4.6%	2.1%
missed school due to employment		13.5%	3%	24%	6%	13%	9%	9%	23%	21%		18.9%	7.0%
lost my temper		80.1%	81%	80%	89%	75%	79%	82%	64%	75%	86%	77.0%	83.8%
took prescribed anti-depressant		5.7%	16%	7%	4%		5%	6%	5%		25%	5.1%	7.0%
difficulty studying at home		51.0%	48%	47%	57%	63%	58%	56%	50%	29%	45%	48.5%	54.9%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-3
STUDENT ACTIVITIES IN PAST YEAR
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
32 **TIME SPENT ON ACTIVITIES IN PAST YEAR**	N=	333	28	82	51	7	64	50	22	25	18	193	136
During typical week, spent no time:													
Talking w/Teachers outside class		18.3%	10%	37%	6%		15%	15%	17%	12%	17%	24.4%	10.3%
Exercising/Sports		10.1%	17%	12%	6%	14%	16%	6%		8%	6%	11.4%	8.8%
Partying		24.9%	28%	21%	25%	29%	32%	27%	17%	16%	22%	23.8%	26.5%
Working (for pay)		13.9%	21%	11%	17%		15%	20%	9%	4%	28%	11.4%	18.4%
Volunteer work		41.1%	46%	44%	39%	43%	35%	33%	44%	50%	67%	42.5%	40.4%
Students Clubs/groups		45.0%	50%	57%	31%	57%	48%	23%	44%	58%	50%	52.3%	34.6%
Housework/child care		32.3%	21%	31%	21%		47%	27%	44%	46%	39%	39.9%	22.1%
Reading for pleasure		38.6%	35%	54%	19%	43%	39%	21%	48%	58%	11%	48.7%	25.0%
Playing Video games		55.2%	62%	44%	75%	57%	46%	62%	48%	62%	56%	47.7%	66.2%
Prayer/Meditation		48.5%	55%	51%	37%	43%	53%	39%	48%	69%	50%	53.4%	41.2%
During typical week, spent 6+ hours:													
Studying/homework		23.0%	28%	11%	48%	14%	26%	27%	9%	8%	39%	15.5%	33.8%
Socializing w/Friends		76.2%	79%	82%	75%	71%	69%	78%	87%	65%	89%	75.6%	76.5%
Exercising/Sports		42.4%	31%	49%	45%	14%	42%	44%	52%	23%	45%	43.5%	40.4%
Partying		29.3%	21%	40%	21%	14%	28%	27%	35%	28%	33%	34.2%	22.8%
Working (for pay)		74.2%	66%	75%	77%	86%	71%	69%	77%	88%	67%	75.6%	71.3%
Student Clubs/groups		10.1%	17%	4%	16%		6%	15%	17%	8%	6%	6.7%	15.4%
Watching TV		27.4%	59%	29%	25%	14%	25%	23%	30%	8%	44%	25.4%	30.9%
Housework/child care		11.0%	29%	6%	15%	14%	8%	17%	4%		33%	5.7%	19.1%
Reading for pleasure		7.5%	14%	5%	12%	14%	6%	10%	4%		17%	4.7%	11.8%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Frequently, Occasionally, Not at all.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-4
RELIGIOUS, POLITICAL & SOCIAL VIEWS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
22 **RELIGIOUS PREFERENCE**	N=	338	32	83	53	8	60	55	21	26	21	190	148
Baptist		6.8%	3.1%	9.6%	5.7%		8.3%	7.3%	4.8%	3.8%	4.8%	7.9%	5.4%
Episcopal		0.3%			1.9%								0.7%
LDS (Mormon)		0.3%		1.2%								0.5%	
Lutheran		10.1%	15.6%	8.4%	9.4%		10.0%	10.9%	4.8%	15.4%	4.8%	9.5%	10.8%
Methodist		12.4%	9.4%	13.3%	17.0%		10.0%	16.4%	9.5%	7.7%	19.0%	11.1%	14.2%
Presbyterian		7.1%	9.4%	6.0%	9.4%		6.7%	7.3%	4.8%	7.7%	9.5%	6.3%	8.1%
Quaker		0.3%						1.8%					0.7%
Seventh Day Adventist													
United Church of Christ		5.6%	6.3%	3.6%	5.7%		6.7%	5.5%	14.3%	3.8%	4.8%	5.8%	5.4%
Eastern Orthodox													
Roman Catholic		22.8%	12.5%	25.3%	32.1%	50.0%	21.7%	18.2%	14.3%	19.2%	14.3%	22.1%	23.6%
Islamic													
Jewish		0.9%	3.1%	2.4%								1.1%	0.7%
Buddhist		0.3%				12.5%							0.7%
other Christian		14.2%	21.9%	7.2%	13.2%	25.0%	11.7%	16.4%	28.6%	15.4%	9.5%	12.1%	16.9%
other religion		3.0%		4.8%	1.9%		1.7%	3.6%	9.5%		4.8%	3.7%	2.0%
none		16.0%	18.8%	18.1%	3.8%	12.5%	23.3%	12.7%	9.5%	26.9%	28.6%	20.0%	10.8%
23 **BORN-AGAIN CHRISTIAN**	N=	271	24	64	46	3	53	45	16	20	18	153	118
yes, Born-Again Christian		28.8%	21%	27%	28%	67%	21%	44%	38%	20%	33%	24.8%	33.9%
no, not born-again		71.2%	79%	73%	72%	33%	79%	56%	63%	80%	67%	75.2%	66.1%
34 **POLITICAL ORIENTATION**	N=	319	27	74	53	8	61	50	21	25	17	181	138
Far Left		4.1%	3.7%	5.4%	1.9%		6.6%	4.0%		4.0%		5.0%	2.9%
Liberal		11.9%	25.9%	17.6%	11.3%	25.0%	4.9%	10.0%		8.0%	29.4%	9.9%	14.5%
Middle of the road		62.4%	59.3%	58.1%	66.0%	37.5%	65.6%	58.0%	81.0%	64.0%	52.9%	64.1%	60.1%
Conservative		18.5%	7.4%	17.6%	18.9%	37.5%	13.1%	28.0%	19.0%	20.0%	17.6%	16.6%	21.0%
Far Right		3.1%	3.7%	1.4%	1.9%		9.8%			4.0%		4.4%	1.4%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-4
RELIGIOUS, POLITICAL & SOCIAL VIEWS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
31 **SOCIO-POLITICAL ISSUES**													
(b) **Agree strongly or somewhat:**	N=	326	26	82	51	8	61	48	20	25	19	188	133
Feds not controlling environment/pollution		75.0%	77%	77%	77%	88%	67%	82%	77%	62%	75%	71.3%	79.7%
Feds should raise taxes to reduce deficit		16.2%	13%	24%	9%	25%	13%	16%	23%	12%	15%	18.6%	13.5%
courts too concerned w/criminal rights		72.9%	80%	68%	67%	50%	79%	69%	82%	85%	90%	75.0%	69.2%
abortion should be legal		46.4%	59%	46%	42%	38%	57%	29%	41%	62%	20%	50.5%	40.6%
death penalty should be abolished		17.3%	26%	18%	19%	13%	16%	18%	10%	11%	10%	16.0%	19.5%
sex ok if 2 people really like each other		51.5%	52%	57%	39%	63%	58%	35%	68%	62%	45%	58.5%	41.4%
married women activities best kept to family		37.4%	40%	43%	35%	50%	35%	31%	52%	26%	30%	38.3%	35.3%
marijuana should be legalized		32.2%	30%	41%	24%	38%	31%	21%	36%	44%	15%	37.2%	24.8%
homosexual relations should be prohibited		47.3%	27%	59%	35%	25%	52%	37%	64%	63%	40%	57.4%	33.8%
employer drug tests should be allowed		81.9%	77%	72%	90%	50%	90%	96%	70%	74%	90%	78.2%	87.2%
man not entitled sex on date, even if 'led on'		77.0%	90%	69%	92%	38%	70%	83%	59%	88%	100%	71.3%	85.0%
Feds should control handgun sales more		59.4%	73%	48%	90%	75%	44%	77%	32%	41%	80%	43.6%	81.2%
national health care plan needed		66.8%	60%	67%	75%	75%	67%	77%	59%	44%	60%	63.3%	72.9%
racial discrimination no longer major problem		31.4%	33%	33%	31%	25%	40%	17%	41%	26%	30%	34.6%	26.3%
individual can do little to change society		46.1%	43%	49%	40%	25%	44%	46%	59%	56%	37%	49.5%	41.4%
wealthy should pay more taxes than they do		66.1%	73%	71%	67%	38%	64%	64%	50%	74%	60%	67.0%	64.7%
prohibit racist/sexist speech on campus		64.1%	70%	62%	75%	63%	59%	71%	43%	59%	70%	59.0%	71.4%
disobey laws that violate personal values		38.8%	47%	44%	27%	25%	40%	35%	43%	41%	32%	42.6%	33.8%
abolish college admissions affirmative action		47.5%	46%	37%	42%	50%	60%	42%	55%	65%	24%	50.5%	43.6%
legal status for same sex couples		37.6%	47%	35%	60%	75%	25%	46%	23%	7%	55%	27.1%	52.6%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Agree Strongly, Agree Somewhat, Disagree Somewhat, Disagree Strongly.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-5
COLLEGE SELECTION PROCESS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
29 **DECISION TO GO TO COLLEGE**													
(b) **Very Important Reasons:**	N=	341	30	85	51	7	65	50	22	26	20	198	138
parents wanted me to go		33.7%	47%	38%	33%	38%	39%	36%	13%	7%	20%	31.3%	37.7%
could not find job		14.7%	6%	9%	27%	13%	19%	17%	9%	11%	43%	12.6%	18.8%
wanted to get away from home		14.7%	13%	17%	15%		10%	21%	22%	4%	10%	14.1%	16.7%
get better job		85.1%	78%	81%	89%	75%	90%	92%	83%	79%	91%	83.3%	86.2%
gain general education/appreciation of ideas		48.0%	41%	41%	50%	50%	50%	58%	57%	42%	52%	46.0%	51.4%
improve reading/study skills		30.3%	39%	26%	37%	43%	27%	40%	22%	15%	48%	24.7%	39.1%
nothing better to do		5.6%	3.3%	11.8%	3.8%		4.5%		8.7%	3.7%		8.1%	2.2%
become more cultured person		19.4%	13%	19%	23%	25%	20%	23%	17%	15%	33%	18.7%	21.7%
make more money		81.8%	84%	88%	81%	75%	90%	65%	87%	70%	76%	85.9%	75.4%
learn more about things that interest me		72.1%	75%	65%	73%	88%	79%	66%	74%	78%	62%	71.7%	71.7%
mentor/role model encouraged me		18.0%	13%	20%	21%		20%	25%	14%	4%	25%	17.2%	20.3%
prove to others I could succeed		46.8%	44%	44%	54%	25%	51%	59%	41%	26%	62%	43.4%	51.4%
13 **COLLEGE PLANNING ASSISTANCE**	N=	360	32	90	53	8	68	56	23	30	22	211	149
High school counselor		59.4%	59%	57%	81%	75%	53%	59%	61%	40%	50%	53.6%	67.8%
Private college counselor		0.8%				25.0%		1.8%					2.0%
SAT/ACT preparation courses		22.8%	13%	20%	26%	25%	24%	32%	22%	17%	9%	20.9%	25.5%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-5
COLLEGE SELECTION PROCESS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
15 **# OTHER COLLEGES APPLIED TO**	N=	347	31	85	52	8	67	55	21	28	20	201	146
no other		51.9%	48%	54%	50%	63%	51%	44%	71%	54%	70%	54.7%	47.9%
1		17.9%	16%	24%	19%		13%	24%	10%	11%	25%	16.9%	19.2%
2		16.1%	23%	8%	14%	25%	18%	18%	19%	25%	5%	14.9%	17.8%
3 +		14.2%	13%	14%	17%	13%	18%	15%		11%		13.4%	15.1%
16 **# OTHER COLLEGES ACCEPTED**	N=	347	16	39	26	3	33	31	6	13	6	91	76
no other		13.2%	13%	15%	15%		9%	13%	17%	15%	50%	13.2%	13.2%
1		36.5%	44%	49%	38%	33%	21%	45%	17%	15%	50%	31.9%	42.1%
2		28.7%	19%	18%	19%	67%	42%	26%	50%	46%		33.0%	23.7%
3 +		21.6%	25%	18%	27%		27%	16%	17%	23%		22.0%	21.1%
14 **ENROLLED AT 1ST CHOICE COLLEGE?**	N=	353	32	87	53	8	68	55	21	29	21	205	148
1st choice		79.6%	81%	81%	74%	50%	82%	75%	91%	90%	81%	83.4%	74.3%
2nd choice		16.7%	16%	15%	21%	50%	15%	20%	10%	10%	19%	13.7%	20.9%
3rd choice or lower		3.6%	3%	5%	6%		3%	5%				2.9%	4.7%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-5
COLLEGE SELECTION PROCESS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
35 **DECISION TO ATTEND THIS COLLEGE**													
(b) **Very Important Reasons:**	N=	333	29	83	51	8	61	51	19	27	19	190	139
relatives wanted me to come		7.2%	3%	13%	6%	13%	8%	8%			10%	8.4%	6.5%
teacher advised me		10.5%	10%	19%		13%	16%	8%	5%	4%	5%	14.7%	5.8%
academic reputation very good		48.4%	37%	38%	53%	75%	63%	49%	59%	32%	35%	47.4%	49.6%
social reputation good		12.8%	13%	12%	11%	13%	14%	17%	18%	4%	10%	12.1%	14.4%
financial assistance offered		17.5%	16%	17%	17%	50%	13%	29%	5%	11%	38%	13.7%	23.7%
special education programs offered		31.2%	27%	34%	38%	50%	33%	30%	14%	21%	10%	30.0%	33.1%
tuition low		19.0%	23%	12%	25%	25%	13%	36%	5%	18%	30%	12.6%	28.1%
high school counselor advised me		14.6%	20%	15%	11%	25%	21%	15%		7%	20%	14.7%	15.8%
private college counselor advised me		2.4%		7.0%		12.5%	1.6%		4.8%			4.2%	0.7%
wanted to live near home		13.5%	17%	11%	23%	13%	8%	19%	5%	11%	45%	9.5%	20.1%
friend suggested attending		11.7%	13%	13%	12%		13%	15%	5%	7%	20%	11.6%	12.9%
recruited by college representative		2.4%	3.3%		1.9%	12.5%	4.8%	3.8%				1.6%	3.6%
recruited by athletic department		3.2%	3.3%	3.6%			6.3%	3.8%	4.8%			4.2%	2.2%
not offered aid by first choice		3.3%		4%	6%	13%	3%	2%		4%		3.2%	3.6%
graduates go to top grad/professional schools		19.5%	21%	22%	25%	13%	16%	26%	15%	4%	17%	16.8%	23.0%
graduates get good jobs		63.6%	61%	60%	66%	38%	83%	58%	59%	52%	53%	65.8%	60.4%
religious affiliation/orientation		2.7%		3.6%	3.8%		3.2%	3.8%				2.6%	2.9%
size of college		30.3%	55%	20%	55%	13%	21%	37%	14%	18%	60%	19.5%	46.0%
not accepted anywhere else		2.7%	3.2%	3.6%			3.3%	3.8%		3.6%	10.5%	3.2%	2.2%
rankings in national magazines		2.1%		4.8%			3.2%	1.9%				3.2%	0.7%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Very Important, Somewhat Important, Not Important.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-6
COLLEGE FINANCES
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
33 **CONCERN ABOUT FINANCING COLLEGE**	N=	341	31	82	53	8	64	54	23	26	21	195	146
No concern, confident of enough funds		28.4%	26%	32%	13%	25%	38%	24%	30%	39%	38%	34.4%	20.5%
Some concern, probably have enough funds		52.8%	52%	54%	55%	63%	48%	56%	61%	42%	38%	51.3%	54.8%
Major concern, not sure of enough funds		18.8%	23%	15%	32%	13%	14%	20%	9%	19%	24%	14.4%	24.7%
19 **SOURCES FOR 1ST YEAR EXPENSES**	N=	360	32	90	53	8	68	56	23	30	12	211	149
Expect some aid from:													
Personal/Family resources													
Parents/family/friends		75.6%	78%	67%	81%	88%	81%	75%	74%	77%	44%	73.5%	78.5%
Spouse		3.3%	6%	1%	4%		3%	4%	9%	3%	25%	2.8%	4.0%
Savings from Summer Work		53.6%	44%	50%	55%	50%	68%	46%	61%	50%	43%	56.9%	49.0%
other Savings		29.2%	22%	31%	19%	13%	34%	36%	39%	23%	42%	31.8%	25.5%
Part-time Job on Campus		9.4%	6%	7%	13%	13%	10%	11%	13%	7%	9%	8.5%	10.7%
Part-time Job off campus		21.9%	31%	18%	17%	25%	28%	20%	17%	27%	57%	22.3%	21.5%
Full-time job while in college		2.5%	3.1%	2.2%	1.9%		1.5%	3.6%	4.3%	3.3%	36.4%	2.4%	2.7%
Grants/Scholarships													
PELL grant		23.6%	22%	19%	30%	38%	19%	34%	22%	17%	67%	19.0%	30.2%
Supplemental Educational Opportunity Grant		3.6%		4%	2%	25%	3%	4%	9%			3.8%	3.4%
State scholarship or grant		23.3%	25%	20%	28%	38%	25%	25%	22%	13%	27%	20.9%	26.8%
College Work-Study grant		4.4%	9%	4%	6%		4%	2%	9%		9%	4.3%	4.7%
College grant/scholarship (other)		10.0%	16%	10%	4%	25%	9%	11%	13%	10%	20%	10.0%	10.1%
Vocational Rehab funds		5.8%	9.4%	8.9%	1.9%	37.5%	2.9%	5.4%	4.3%		11.1%	5.2%	6.7%
other Private grant		8.6%	6%	8%	2%	13%	10%	9%	17%	13%	10%	10.4%	6.0%
other Government aid (ROTC,BIA,GI,etc)		4.2%	3.1%	5.6%		12.5%	2.9%	3.6%	13.0%	3.3%		5.2%	2.7%
Loans													
Stafford Loan (GSL)		38.9%	53%	32%	57%	38%	41%	32%	35%	23%	79%	34.1%	45.6%
Perkins Loan		1.7%		1.1%	1.9%		2.9%		4.3%	3.3%		2.4%	0.7%
other College loan		15.0%	6.3%	16.7%	17.0%	25.0%	14.7%	10.7%	21.7%	16.7%		16.6%	12.8%
Other Loan		14.4%	6.3%	17.8%	18.9%	12.5%	5.9%	16.1%	21.7%	16.7%	14.3%	14.2%	14.8%
Other Sources		7.2%	3.1%	12.2%	7.5%	25.0%	5.9%	5.4%		3.3%	12.5%	7.6%	6.7%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-6
COLLEGE FINANCES
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response	Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
19 **Expect $1,500+ from:**												
Personal/Family resources												
Parents/family/friends	58.9%	47%	53%	60%	63%	68%	50%	70%	73%	13%	62.6%	53.7%
Spouse	1.4%	3.1%	1.1%				3.6%	4.3%		16.7%	0.9%	2.0%
Savings from Summer Work	11.1%	3.1%	10.0%	13.2%		16.2%	3.6%	21.7%	16.7%		14.2%	6.7%
other Savings	8.6%	9.4%	7.8%	7.5%		10.3%	3.6%	17.4%	13.3%	8.3%	10.4%	6.0%
Part-time Job on Campus	1.1%					4.4%		4.3%			1.9%	
Part-time Job off campus	3.1%	3.1%	1.1%	1.9%		7.4%	1.8%	4.3%	3.3%	14.3%	3.8%	2.0%
Full-time job while in college	1.1%	3.1%				1.5%	1.8%	4.3%		18.2%	0.9%	1.3%
Grants/Scholarships												
PELL grant	5.6%	6.3%	6.7%	5.7%	12.5%	5.9%	3.6%	8.7%		20.0%	5.7%	5.4%
Supplemental Educational Opportunity Grant	1.4%		1.1%	1.9%	12.5%	1.5%		4.3%			1.4%	1.3%
State scholarship or grant	4.4%	6.3%	2.2%	3.8%	12.5%	7.4%	5.4%	4.3%		9.1%	3.8%	5.4%
College Work-Study grant	0.8%		1.1%			1.5%		4.3%			1.4%	
College grant/scholarship (other)	4.4%	6.3%	4.4%	1.9%	12.5%	4.4%		8.7%	10.0%		5.7%	2.7%
Vocational Rehab funds	1.9%	6.3%	2.2%				5.4%				0.9%	3.4%
other Private grant	2.2%		2.2%			4.4%	3.6%	4.3%		10.0%	2.8%	1.3%
other Government aid (ROTC,BIA,GI,etc)	1.9%	3.1%	5.6%		12.5%						2.4%	1.3%
Loans												
Stafford Loan (GSL)	22.2%	31%	17%	34%	25%	24%	20%	22%	10%	43%	18.5%	27.5%
Perkins Loan	0.3%		1.1%								0.5%	
other College loan	9.4%	6.3%	11.1%	11.3%	12.5%	11.8%	3.6%	8.7%	10.0%		10.9%	7.4%
Other Loan	9.2%	3.1%	11.1%	13.2%		4.4%	8.9%	8.7%	16.7%	14.3%	9.5%	8.7%
Other Sources	4.7%	3.1%	7.8%	3.8%	12.5%	4.4%	3.6%		3.3%	12.5%	5.2%	4.0%

(a) Item not included in survey this particular year.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-7
EDUCATIONAL & CAREER EXPECTATIONS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
17 **HIGHEST DEGREE PLANNED**													
At chosen College	N=	183	15	42	27	4	35	30	14	16	11	107	76
none		0.5%						3.3%					1.3%
Vocational Certificate		2.2%		7.1%	3.7%							2.8%	1.3%
Associate		51.4%	33.3%	52.4%	48.1%	75.0%	34.3%	50.0%	100%	62.5%	72.7%	54.2%	47.4%
Bachelor's		42.6%	60.0%	35.7%	44.4%	25.0%	62.9%	43.3%		37.5%	18.2%	40.2%	46.1%
other		3.1%	6.7%	4.8%	3.7%		2.9%	3.3%			9.1%	2.8%	3.9%
Anywhere	N=	260	26	59	35	6	52	46	15	21	15	147	113
none		2.3%		5.1%	5.7%		1.9%					2.7%	1.8%
Vocational Certificate		6.9%	3.8%	16.9%			5.8%		6.7%	14.3%		11.6%	0.9%
Associate		38.1%	34.6%	37.3%	54.3%	33.3%	26.9%	37.0%	46.7%	42.9%	46.7%	35.4%	41.6%
Bachelor's		35.8%	23.1%	25.4%	34.3%	66.7%	40.4%	47.8%	40.0%	33.3%	40.0%	33.3%	38.9%
Master's		14.2%	30.8%	15.3%	2.9%		19.2%	13.0%	6.7%	9.5%	13.3%	15.0%	13.3%
PhD/EdD		2.3%	7.7%				5.8%	2.2%				2.0%	2.7%
MD, DO, DDS, DVM		0.4%			2.9%								0.9%
LLB/JD (law)													
BD/MDIV (Divinity)													
other													

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-7
EDUCATIONAL & CAREER EXPECTATIONS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
36 **PROBABLE MAJOR FIELD OF STUDY**	N=	296	26	72	44	6	61	44	19	24	19	176	120
BUSINESS (& Computer)													
Accounting/Business Admin/Management		2.4%	19.2%	1.4%						4.2%	5.3%	1.1%	4.2%
Finance													
Marketing		0.3%	3.8%								5.3%		0.8%
Secretarial studies		2.0%	23.1%								26.3%		5.0%
other Business (incl International)											5.3%		
Comp Sci/Programming/Data Processing		3.0%	34.6%								5.3%		7.5%
SUB-TOTAL		7.8%	80.8%	1.4%						4.2%	47.4%	1.1%	17.5%
TECHNICAL-Building/Construction/Design													
Architecture/urban planning		3.0%		12.5%								5.1%	
Building trades		10.8%		43.1%			1.6%					18.2%	
Drafting/design		5.1%	3.8%	16.7%				4.5%				6.8%	2.5%
Electronics		4.4%		2.8%			18.0%					7.4%	
SUB-TOTAL		23.3%	3.8%	75.0%			19.7%	4.5%				37.5%	2.5%
PROFESSIONAL-Health Professions													
Health technology (medical/dental/lab)		6.1%			40.9%								15.0%
Home Economics													
Nursing		3.7%			25.0%						21.1%		9.2%
Pharmacy													
Physical Education/Recreation													
Pre-Dental/Medical/Veterinarian													
Therapy (occupational/physical/speech)		2.0%			13.6%								5.0%
SUB-TOTAL		11.8%			79.5%						21.1%		29.2%
ENGINEERING (excl aeronautical)													
Civil		1.7%					8.2%					2.8%	
Electrical/electronic		6.1%		11.1%			16.4%					10.2%	
Industrial/Mechanical		2.4%		1.4%			8.2%			4.2%		4.0%	
other Engineering (incl Chemical)		5.4%					24.6%			4.2%		9.1%	
SUB-TOTAL		15.5%		12.5%			57.4%			8.3%		26.1%	

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-7
EDUCATIONAL & CAREER EXPECTATIONS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response	Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
35 **PROBABLE MAJOR FIELD OF STUDY (cont)**												
ARTS & HUMANITIES/PHYSICAL & SOCIAL SCIENCES/EDUCATION												
Art, fine & applied	4.1%				16.7%		25.0%					10.0%
Journalism/Communications (radio/TV/etc)	0.7%						4.5%					1.7%
other Arts & Humanities	1.4%		1.4%				6.8%				0.6%	2.5%
BIOLOGICAL SCIENCES (excl. Environmental)												
PHYSICAL SCIENCES												
Psychology												
Social work	1.7%						11.4%			15.8%		4.2%
other Social science	0.7%						4.5%			10.5%		1.7%
Elementary Education	1.7%						11.4%					4.2%
Secondary Education												
other Education (excl. Phys Ed/Recreation)	2.7%						18.2%					6.7%
SUB-TOTAL	12.8%		1.4%		16.7%		81.8%			26.3%	0.6%	30.8%
OTHER FIELDS-Natural Resources/Mechanics												
Aeronautical/astronautical engineering												
Agriculture	1.0%						2.3%	10.5%			1.1%	0.8%
Envrionmental Science	0.7%							10.5%			1.1%	
Forestry	1.0%							15.8%			1.7%	
Mechanics	8.8%					1.6%		31.6%	79.2%		14.8%	
SUB-TOTAL	11.5%					1.6%	2.3%	68.4%	79.2%		18.8%	0.8%
OTHER FIELDS												
other Professional (incl Library sci)	1.7%			11.4%								4.2%
other Technical	7.8%	11.5%	9.7%			16.4%	2.3%	5.3%	4.2%		10.8%	3.3%
Law enforcement/Military science												
other field	6.1%	3.8%		9.1%	83.3%	3.3%	4.5%	21.1%		5.3%	3.4%	10.0%
undecided	1.7%					1.6%	4.5%	5.3%	4.2%		1.7%	1.7%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-7
EDUCATIONAL & CAREER EXPECTATIONS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
30 **PROBABLE CAREER OCCUPATION**	N=	318	30	80	51	7	62	45	20	23	21	185	133
Architect		4.7%	3.3%	17.5%								7.6%	0.8%
Artist		4.7%				14.3%		31.1%					11.3%
Business		8.5%	23.3%	11.3%			4.8%	2.2%	15.0%	17.4%	9.5%	10.3%	6.0%
Business (clerical)		1.6%	13.3%					2.2%			19.0%		3.8%
Clergy													
College teacher/administrator/staff		0.3%		1.3%								0.5%	
Computer programmer/analyst		4.4%	36.7%	1.3%			3.2%					1.6%	8.3%
Doctor/Dentist (MD/DDS)		2.8%			17.6%								6.8%
Education (secondary)		0.6%					3.2%					1.1%	
Education (elementary)		2.2%						15.6%					5.3%
Engineer		11.3%		7.5%			41.9%		10.0%	8.7%		19.5%	
Farmer/forester		1.3%							20.0%			2.2%	
Health Professional (non-MD)		5.0%			31.4%								12.0%
Homemaker (full-time)		0.3%		1.3%								0.5%	
Lawyer		0.3%	3.3%										0.8%
Military career		0.3%	3.3%								4.8%		0.8%
Nurse		3.8%			23.5%						19.0%		9.0%
Research scientist													
Social/welfare/recreation worker		2.2%						15.6%			14.3%		5.3%
Skilled worker		22.3%		43.8%		14.3%	30.6%		25.0%	47.8%		37.8%	0.8%
other career		20.1%	13.3%	13.8%	25.5%	57.1%	12.9%	28.9%	25.0%	26.1%	28.6%	16.2%	25.6%
undecided		3.1%	3.3%	2.5%	2.0%	14.3%	3.2%	4.4%	5.0%		4.8%	2.7%	3.8%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-7
EDUCATIONAL & CAREER EXPECTATIONS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
38 **EDUCATIONAL/CAREER EXPECTATIONS**													
(b) **Chances very good that student will:**	N=	340	27	84	51	7	65	50	21	27	19	197	135
change major field		4.3%	7%	3%	2%		5%	9%		4%		3.6%	5.9%
change career choice		2.3%	7%	1%	2%		3%	4%				1.5%	3.7%
fail one or more courses		1.7%		1.2%	3.8%		3.0%			3.6%		2.0%	1.5%
graduate with honors		9.3%	13%	11%	4%	14%	15%	7%		7%	10%	10.7%	8.1%
be elected to student office		3.2%		4.6%	5.9%	12.5%	1.5%		4.5%	3.6%		3.6%	3.0%
get job to help pay college expenses		34.1%	47%	30%	29%	25%	36%	44%	27%	26%	55%	31.5%	38.5%
work full-time while attending		3.2%	7%	1%	6%		2%	7%			25%	1.0%	6.7%
join social frat/sorority/club		7.2%	13%	3%	8%		12%	6%	10%	4%	5%	7.1%	8.1%
play varsity/intercollegiate athletics		7.5%	7%	11%	4%		6%	11%	9%	4%		8.1%	7.4%
be elected to academic honor society		3.5%	3.3%	1.2%	1.9%		10.8%		4.8%	3.6%		5.1%	1.5%
make at least B average		36.4%	45%	29%	47%	63%	49%	33%	14%	18%	26%	32.5%	41.5%
need extra time to complete degree		7.6%	10.0%	2.3%	11.8%		13.6%	9.3%		3.7%	20.0%	6.1%	10.4%
get bachelor's degree		34.7%	57%	26%	29%	38%	43%	49%	5%	21%	37%	28.9%	43.0%
participate in student protests		2.3%	3.3%	2.3%	1.9%		1.5%	1.9%		7.1%		2.5%	2.2%
drop out temporarily (excl transfer)		0.9%		1.2%			1.5%	1.9%				1.0%	0.7%
drop out permanently (excl transfer)		0.9%	3.4%					1.9%		3.6%	5.3%	0.5%	1.5%
transfer to other college before graduating		4.9%	10%	2%	2%		3%	11%	5%	7%	11%	3.6%	7.4%
be satisfied with college		43.4%	42%	46%	45%	63%	46%	39%	41%	32%	45%	44.2%	42.2%
marry while in college		3.5%	3.7%	2.4%	3.8%	12.5%	4.5%	4.0%		3.6%	5.9%	3.0%	4.4%
participate in volunteer/community service		9.8%	3.3%	4.7%	15.4%	25.0%	16.7%	11.1%	4.5%	3.6%	5.0%	8.6%	12.6%
seek personal counseling		5.8%	3.3%	4.6%	13.5%	12.5%	4.5%	3.8%	4.5%	3.6%	5.0%	4.6%	8.1%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Very Good Chance, Some Chance, Very Little Chance, No Chance.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-8
PERSONAL GOALS/VALUES
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
37 **PERSONAL GOALS/VALUES**													
(b) **Very Important to:**	N=	340	29	85	51	8	63	50	21	27	19	196	138
become accomplished in performing arts		7.6%		9%	4%	13%	11%	10%	9%	4%	5%	9.2%	5.8%
become authority in my field		62.6%	55%	67%	60%	75%	75%	49%	59%	61%	30%	67.3%	55.8%
obtain recognition from colleagues in field		48.5%	37%	51%	50%	38%	52%	45%	64%	41%	25%	51.0%	45.7%
influence political structure		9.6%	7%	9%	2%	13%	11%	17%	14%	7%	5%	10.2%	9.4%
influence social values		27.2%	23%	21%	37%	25%	20%	49%	27%	11%	35%	20.4%	38.4%
raise a family		66.5%	63%	65%	81%	50%	56%	73%	64%	64%	90%	61.2%	72.5%
have administrative responsibility		36.8%	29%	45%	31%	38%	38%	40%	32%	29%	35%	39.3%	34.1%
be very well off financially		79.1%	84%	85%	81%	63%	77%	71%	81%	75%	80%	80.1%	76.8%
help others in difficulty		47.7%	50%	39%	79%	75%	41%	57%	36%	14%	75%	36.2%	64.5%
make theoretical contribution to science		14.8%	3%	13%	14%	13%	31%	11%	14%	7%	5%	18.4%	10.9%
write original works		8.2%	7%	7%	8%		9%	11%	9%	7%		8.2%	8.7%
create artistic work		15.5%	7%	16%	2%	38%	9%	38%	14%	14%	5%	13.8%	18.1%
become successful in my own business		51.4%	52%	66%	21%	100%	59%	45%	50%	46%	45%	59.7%	41.3%
become involved in environmental cleanup		22.2%	17%	24%	10%	25%	28%	26%	33%	14%	20%	25.5%	18.1%
develop meaningful philosophy of life		29.2%	26%	26%	21%	50%	33%	43%	27%	18%	43%	27.6%	31.9%
participate in community action program		17.2%	13%	18%	17%	13%	16%	26%	14%	7%	25%	15.8%	19.6%
help promote racial understanding		23.4%	30%	15%	37%	50%	14%	37%	18%	11%	37%	14.8%	36.2%
keep up to date with politics		18.4%	13%	21%	10%	25%	19%	21%	23%	21%	15%	20.9%	15.2%
become community leader		21.2%	17%	23%	15%	38%	20%	30%	18%	14%	30%	20.9%	22.5%

(a) Item not included in survey this particular year.
(b) Range of possible responses: Essential, Very Important, Somewhat Important, Not Important.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-9
SUPPLEMENTAL ITEMS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
40 **TOP ALTERNATIVE TO PENN COLLEGE**	N=	328	31	76	50	8	65	53	20	25	20	186	142
Military service		11.9%	10%	15%	12%	13%	15%	6%	20%	4%	20%	14.0%	9.2%
Finding a Job		23.2%	23%	20%	16%	25%	23%	34%	25%	24%	35%	22.0%	24.6%
Keeping present Job		14.0%	10%	15%	14%	25%	9%	11%	20%	28%	30%	15.1%	12.7%
Attending Different Type College		23.5%	29%	17%	34%	38%	26%	25%	10%	12%	10%	18.8%	29.6%
Attending Other Technical/2-yr institution		27.4%	29%	34%	24%		26%	25%	25%	32%	5%	30.1%	23.9%
41 **TOP ALTERNATIVE COLLEGE (b)**	N=	207	18	50	32	8	43	33	11	12	9	116	91
State System U (e.g. Bloom, LHU, Mansfield)		20.8%	28%	8%	41%		28%	21%	9%	8%	33%	15.5%	27.5%
Penn State U (main or branch campus)		23.7%	22%	16%	16%	13%	33%	33%	46%	8%	22%	24.1%	23.1%
Community or technical college		15.9%	17%	18%	28%	13%	2%	18%	18%	17%	22%	12.1%	20.9%
Technical or trade school		29.5%	17%	52%	3%	38%	35%	12%	27%	50%	11%	43.1%	12.1%
Private college (e.g., Lycoming, Bucknell)		10.1%	17%	6%	13%	38%	2%	15%		17%	11%	5.2%	16.5%
42 **GREATEST CONCERN (before enrolling)**	N=	327	30	77	51	8	65	52	19	25	18	186	141
availability of quality programs here		29.1%	20%	23%	37%	13%	46%	21%	21%	24%	6%	31.2%	26.2%
cost of education here		39.8%	50%	38%	39%	25%	31%	58%	53%	16%	72%	33.9%	47.5%
distance of Penn College from home		15.9%	10%	17%	16%	13%	11%	17%	11%	36%	22%	16.7%	14.9%
insufficient information about Penn College		5.2%	3%	5%	4%		8%	2%	5%	12%		7.0%	2.8%
finding adequate housing		10.1%	17%	17%	4%	50%	5%	2%	11%	12%		11.3%	8.5%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-9
SUPPLEMENTAL ITEMS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
SENSE OF COMFORT/WELCOME AT PENN COLLEGE:													
43 **During Application Process**	N=	336	32	79	52	8	66	54	19	26	21	190	146
Very welcome & comfortable		36.9%	50%	28%	46%	38%	39%	41%	26%	23%	52%	31.1%	44.5%
Somewhat welcome & comfortable		36.0%	25%	39%	31%	38%	41%	35%	37%	39%	29%	39.5%	31.5%
Just okay		22.6%	22%	27%	19%	25%	15%	20%	37%	31%	14%	24.2%	20.5%
Somewhat unwelcome & uncomfortable		3.0%	3.1%	2.5%	1.9%		3.0%	3.7%		7.7%	4.8%	3.2%	2.7%
Very unwelcome & uncomfortable		1.5%		3.8%	1.9%		1.5%					2.1%	0.7%
44 **Since Arrival for classes**	N=	337	32	79	52	8	66	55	19	26	21	190	147
Very welcome & comfortable		45.4%	47%	43%	60%	38%	41%	56%	32%	23%	76%	38.4%	54.4%
Somewhat welcome & comfortable		33.8%	31%	38%	23%	50%	39%	26%	42%	39%	10%	38.9%	27.2%
Just okay		16.6%	19%	13%	14%	13%	15%	16%	26%	31%	10%	17.4%	15.6%
Somewhat unwelcome & uncomfortable		2.7%	3.1%	5.1%	1.9%		1.5%	1.8%		3.8%	4.8%	3.2%	2.0%
Very unwelcome & uncomfortable		1.5%		1.3%	1.9%		3.0%			3.8%		2.1%	0.7%
45 **PENN COLLEGE MEDIA INFLUENCE (b)**	N=	320	29	74	48	8	62	55	20	24	18	180	140
Radio, television, newspapers		4.4%	7%	5%	2%		7%	2%	10%			5.6%	2.9%
School counselor or teacher		39.4%	38%	46%	40%	38%	45%	35%	20%	33%	22%	41.1%	37.1%
Penn College graduate		14.7%	14%	16%	17%	13%	7%	15%	30%	17%	11%	14.4%	15.0%
Penn College student or employee		15.9%	21%	15%	23%	25%	10%	18%	15%	8%	22%	12.2%	20.7%
Printed materials (poster,brochure,catalog,etc)		25.6%	21%	18%	19%	25%	32%	31%	25%	42%	44%	26.7%	24.3%
PENN STATE-PENN COLLEGE AFFILIATION:													
46 **Factor in choosing Penn College**	N=	329	30	78	51	8	64	54	19	25	20	186	143
Very substantial, positive factor		16.7%	27%	18%	14%	38%	22%	11%	5%	8%	10%	16.7%	16.8%
Positive factor		41.6%	33%	40%	33%	38%	45%	52%	42%	44%	50%	42.5%	40.6%
Not a factor		37.7%	37%	39%	47%	25%	30%	35%	42%	44%	40%	36.6%	39.2%
Negative factor		1.5%		2.6%	3.9%					4.0%		1.6%	1.4%
Very substantial, negative factor		2.4%	3.3%	1.3%	2.0%		3.1%	1.9%	10.5%			2.7%	2.1%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-9
SUPPLEMENTAL ITEMS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION / Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
47 **PERSONAL SAFETY CONCERNS**	N=	330	31	78	51	8	63	55	19	25	20	185	145
Not at all		29.7%	39%	28%	8%	13%	40%	26%	32%	56%	35%	36.2%	21.4%
Somewhat important concern		47.6%	29%	50%	59%	75%	44%	49%	47%	36%	40%	45.9%	49.7%
Major concern		18.2%	32%	13%	31%	13%	13%	22%	5%	8%	20%	11.4%	26.9%
Primary concern		4.5%		9.0%	2.0%		3.2%	3.6%	15.8%		5.0%	6.5%	2.1%
48 **ENROLLMENT DECISION AFFECTED BY**	N=	328	30	79	50	8	64	54	19	24	19	186	142
Articulation agreements		6.7%		9%	6%	13%	8%	6%	5%	8%	5%	8.1%	4.9%
Advanced placement opportunity		16.5%	13%	14%	14%	25%	23%	11%	26%	17%	5%	18.8%	13.4%
Scholarship to Penn College		10.4%	13%	10%	8%	13%	13%	9%	11%	8%	11%	10.8%	9.9%
Transfer agreement		6.1%	10%	6%	2%		6%	11%	5%		16%	5.4%	7.0%
None of the above		60.4%	63%	61%	70%	50%	50%	63%	53%	67%	63%	57.0%	64.8%
49 **ENROLLMENT DECISION AFFECTED BY**	N=	321	29	78	51	8	61	53	18	23	19	180	141
Co-curricular opportunities		3.4%	6.9%	3.8%		12.5%		3.8%	16.7%		5.3%	3.3%	3.5%
Inter-collegiate sports		8.4%	6.9%	10.3%	2.0%	25.0%	8.2%	15.1%		4.3%		7.8%	9.2%
Prospects of internships or Co-Op		19.9%	14%	21%	18%	13%	25%	15%	33%	22%	11%	23.3%	15.6%
Work-study in area of major		21.5%	28%	19%	22%		21%	17%	22%	39%	26%	22.8%	19.9%
None of the above		46.7%	45%	46%	59%	50%	46%	49%	28%	35%	58%	42.8%	51.8%
PRIOR CAMPUS VISITS	N=	318	26	66	49	7	58	51	18	21	17	163	133
50 VICA State competition		8.8%		16%	6%	14%	8%	2%	16%	13%		12.9%	3.8%
51 Career Day		11.9%	7%	11%	12%	13%	19%	12%	11%	5%	17%	12.9%	11.3%
52 Fall Visitation		47.5%	39%	48%	53%	50%	54%	49%	22%	43%	12%	46.6%	48.9%
53 Open House		62.1%	47%	63%	61%	38%	71%	65%	68%	55%	26%	64.4%	58.6%

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PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE B-9
SUPPLEMENTAL ITEMS
BY ACADEMIC SCHOOL/CAMPUS
Fall 1997

SURVEY ITEM # DESCRIPTION Response		Penn College Total	Business/ Computer	Construction/ Design	Health Sci	Hospitality	Industrial/ Engineer	Integrated Studies	Natural Resource Mgmt	Transportation	North Campus (c)	Technical	Non-Technical
RESIDENCY/HOUSING STATUS	N=	360	30	88	54	8	70	56	34	20	22	212	148
Non-commuters													
College-owned housing													
Campus View Apartments		5.0%	6.7%	4.5%	5.6%	12.5%	2.9%	5.4%	2.9%	10.0%		4.2%	6.1%
Village at Penn College		60.8%	40.0%	69.3%	57.4%	50.0%	60.0%	55.4%	67.6%	75.0%		66.5%	52.7%
College-owned housing - total		65.8%	46.7%	73.9%	63.0%	62.5%	62.9%	60.7%	70.6%	85.0%		70.8%	58.8%
Private student housing													
Private home, walking distance, w/parents		1.9%	6.7%				1.4%	1.8%	8.8%			1.9%	2.0%
Private home, walking distance, independent		1.4%			1.9%		4.3%			5.0%		1.9%	0.7%
Bower Student Housing		0.6%					2.9%					0.9%	
College West		6.7%		5.7%	16.7%		8.6%	1.8%	8.8%			6.6%	6.8%
Penn Center		3.9%	6.7%	6.8%	3.7%		1.4%	3.6%	2.9%			3.8%	4.1%
Student Station		0.6%		1.1%			1.4%					0.9%	
Private Apartment - West Third Street		1.1%		1.1%			2.9%	1.8%				1.4%	0.7%
Private Apartment - West Fourth Street		2.5%	6.7%	5.7%			2.9%					3.3%	1.4%
Private student housing - total		18.6%	20.0%	20.5%	22.2%		25.7%	8.9%	20.6%	5.0%		20.8%	15.5%
Non-commuters - total		84.4%	66.7%	94.3%	85.2%	62.5%	88.6%	69.6%	91.2%	90.0%		91.5%	74.3%
Commuters													
Private home, not walking distance, w/parents		3.3%	3.3%		3.7%	25.0%	4.3%	7.1%				1.4%	6.1%
Private home, not walking distance, independen		1.7%	3.3%	2.3%			2.9%		2.9%			2.4%	0.7%
Private Apartment - Other location		2.8%	3.3%	2.3%	1.9%	12.5%	2.9%		5.9%	5.0%		3.3%	2.0%
Other housing		0.6%					1.4%	1.8%				0.5%	0.7%
Commuters - total		8.3%	10.0%	4.5%	5.6%	37.5%	11.4%	8.9%	8.8%	5.0%		7.5%	9.5%
North Campus		6.1%	23.3%		7.4%			19.6%			100%		14.9%
Housing Status not given		1.1%		1.1%	1.9%			1.8%		5.0%		0.9%	1.4%

(a) Item not included in survey this particular year.
(b) Response options for this item were revised in 1997, with some new options added and others collapsed together.
(c) North Campus data is duplicated - North Campus students are also counted in the academic school of their program major.

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE C-1
FIRST-TIME FULL-TIME POPULATION
BY SITE, SCHOOL, DEGREE LEVEL & MAJOR
Fall 1997

SITE/ SCHOOL/ Degree(a)		Major	Total Population	Response Sample	Response Rate	% of Respondents
MAIN CAMPUS						
BUSINESS/COMPUTER TECHNOLOGIES						
BS		Accounting	2	0	0.0%	0.0%
BS		Business Administration	13	1	7.7%	0.3%
BS		Computer Information Technology-total	15	10	66.7%	2.8%
AAS	(b)	Accounting	11	2	18.2%	0.6%
AAS	(b)	Business Management	27	1	3.7%	0.3%
AAS	(b)	Computer Information Systems-total	41	6	14.6%	1.7%
AAS		Legal Assistant (Paralegal)	19	2	10.5%	0.6%
AAS		Office Info Systems	4	0	0.0%	0.0%
AAS	(b)	Office Tech/Admin-total	9	2	22.2%	0.6%
C-1		Computer Applications	4	0	0.0%	0.0%
SCHOOL TOTAL			145	24	16.6%	6.7%
CONSTRUCTION/DESIGN TECHNOLOGIES						
BS		Computer-Aided Product/Systems Design	7	1	14.3%	0.3%
BS		Construction Management	12	9	75.0%	2.5%
BS		Heating/Ventilation/AC (HVAC) Tech (BS)	2	1	50.0%	0.3%
AAS		Architectural Tech	40	13	32.5%	3.6%
AAS		Building Construction Tech-total	53	16	30.2%	4.4%
AAS		Computer-Aided Drafting Tech	37	9	24.3%	2.5%
AAS		Electrical Tech	31	14	45.2%	3.9%
AAS		HVAC Technology-total	40	12	30.0%	3.3%
AAS		Industrial Maintenance Tech	3	0	0.0%	0.0%
C 2		Cabinetmaking/Millwork	6	2	33.3%	0.6%
C 2		Construction/Carpentry	19	7	36.8%	1.9%
C 2		Electrical Occupations	15	5	33.3%	1.4%
C-1		Plumbing	5	1	20.0%	0.3%
SCHOOL TOTAL			270	90	33.3%	25.0%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE C-1
FIRST-TIME FULL-TIME POPULATION
BY SITE, SCHOOL, DEGREE LEVEL & MAJOR
Fall 1997

SITE/ SCHOOL/ Degree(a)		Major	Total Population	Response Sample	Response Rate	% of Respondents
HEALTH SCIENCES						
BS		Dental Hygiene-total (BS)	3	4	133.3%	1.1%
BS		Physician Assistant	14	0	0.0%	0.0%
AAS		Dental Hygiene	33	13	39.4%	3.6%
AAS		Health Arts-total	5	5	100.0%	1.4%
AAS	(b)	Nursing	33	6	18.2%	1.7%
AAS		Occupational Therapy Assisting	23	10	43.5%	2.8%
AAS		Radiography	18	7	38.9%	1.9%
C 2	(b)	Practical Nursing	3	2	66.7%	0.6%
C-1		Surgical Tech	2	2	100.0%	0.6%
SCHOOL TOTAL			134	49	36.6%	13.6%
HOSPITALITY						
AAS		Baking/Pastry Arts	5	2	40.0%	0.6%
AAS		Culinary Arts Tech	35	5	14.3%	1.4%
AAS		Food/Hospitality Management	9	1	11.1%	0.3%
SCHOOL TOTAL			49	8	16.3%	2.2%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE C-1
FIRST-TIME FULL-TIME POPULATION
BY SITE, SCHOOL, DEGREE LEVEL & MAJOR
Fall 1997

SITE/ SCHOOL/ Degree(a)	Major	Total Population	Response Sample	Response Rate	% of Respondents
INDUSTRIAL/ENGINEERING TECHNOLOGIES					
BS	Electronics Engineering Tech	12	3	25.0%	0.8%
BS	Manufacturing Engineering Tech	6	3	50.0%	0.8%
BS	Plastics/Polymer Engineering Tech	15	9	60.0%	2.5%
BS	Welding/Fabrication Engineering Tech	3	1	33.3%	0.3%
AAS	Automated Manufacturing Tech	4	2	50.0%	0.6%
AAS	Civil Engineering Tech	7	0	0.0%	0.0%
AAS	Electronics Technology-total	61	22	36.1%	6.1%
AAS	Plastics/Polymer Tech	18	9	50.0%	2.5%
AAS	Surveying Tech	4	2	50.0%	0.6%
AAS	Toolmaking Tech	27	6	22.2%	1.7%
AAS	Vocational Teacher Education	2	1	50.0%	0.3%
AAS	Welding Tech	12	5	41.7%	1.4%
C 2	Machinist General	15	4	26.7%	1.1%
C 2	Welding	6	1	16.7%	0.3%
SCHOOL TOTAL		192	68	35.4%	18.9%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE C-1
FIRST-TIME FULL-TIME POPULATION
BY SITE, SCHOOL, DEGREE LEVEL & MAJOR
Fall 1997

SITE/ SCHOOL/ Degree(a)		Major	Total Population	Response Sample	Response Rate	% of Respondents
INTEGRATED STUDIES						
BS		Applied Human Services	11	3	27.3%	0.8%
BS		Graphic Design	43	11	25.6%	3.1%
BS		Printing/Publishing Tech	1	1	100.0%	0.3%
A A	(b)	General Studies	67	6	9.0%	1.7%
A S		Biology	3	0	0.0%	0.0%
A S		Physical Sciences	1	0	0.0%	0.0%
A S		Pre-Engineering	3	0	0.0%	0.0%
AAA		Advertising Art	19	7	36.8%	1.9%
AAA		Broadcast Comm	8	2	25.0%	0.6%
AAA		Mass Comm	2	0	0.0%	0.0%
AAS		Early Childhood Education	31	10	32.3%	2.8%
AAS	(b)	Human Services	27	2	7.4%	0.6%
AAS	(b)	Individual Studies	2	0	0.0%	0.0%
AAS		Printing/Publishing Production	14	4	28.6%	1.1%
SCHOOL TOTAL			232	46	19.8%	12.8%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE C-1
FIRST-TIME FULL-TIME POPULATION
BY SITE, SCHOOL, DEGREE LEVEL & MAJOR
Fall 1997

SITE/ SCHOOL/ Degree(a)	Major	Total Population	Response Sample	Response Rate	% of Respondents
NATURAL RESOURCE MANAGEMENT					
AAS	Diesel Technology-total	23	9	39.1%	2.5%
AAS	Environmental Tech	14	3	21.4%	0.8%
AAS	Floral Design/Interior Plantscape	5	2	40.0%	0.6%
AAS	Forest Tech-Forestry	30	4	13.3%	1.1%
AAS	Heavy Construction Equipment Tech-total	23	6	26.1%	1.7%
AAS	Landscape/Nursery Tech	21	6	28.6%	1.7%
C 2	Diesel Technician	4	2	50.0%	0.6%
C 2	Heavy Construction Equipment Technician	10	2	20.0%	0.6%
SCHOOL TOTAL		130	34	26.2%	9.4%
TRANSPORTATION TECHNOLOGIES					
BS	Automotive Tech Management	5	4	80.0%	1.1%
AAS	Auto Body Technology	15	0	0.0%	0.0%
AAS	Automotive Engineering Tech	3	1	33.3%	0.3%
AAS	Automotive Service Management	6	3	50.0%	0.8%
AAS	Automotive Technology-total	41	6	14.6%	1.7%
C 2	Auto Body Technician	3	0	0.0%	0.0%
C 2	Automotive Service Technician	3	0	0.0%	0.0%
Aviation Center					
BS	Aviation Maintenance Technology	1	0	0.0%	0.0%
AAS	Aviation Technology	10	4	40.0%	1.1%
AAS	Avionics Technology	2	0	0.0%	0.0%
C 2	Aviation Maintenance Technician	4	1	25.0%	0.3%
SCHOOL TOTAL		93	19	20.4%	5.3%

PENNSYLVANIA COLLEGE OF TECHNOLOGY
CIRP FRESHMAN SURVEY

TABLE C-1
FIRST-TIME FULL-TIME POPULATION
BY SITE, SCHOOL, DEGREE LEVEL & MAJOR
Fall 1997

SITE/ SCHOOL/ Degree(a)		Major	Total Population	Response Sample	Response Rate	% of Respondents
NORTH CAMPUS						
A A	(b)	General Studies	1	1	100.0%	0.3%
AAS	(b)	Accounting	2	1	50.0%	0.3%
AAS	(b)	Business Management	3	1	33.3%	0.3%
AAS	(b)	Computer Information Systems-total	1	1	100.0%	0.3%
AAS	(b)	Health Arts-Practical Nursing	2	2	100.0%	0.6%
AAS	(b)	Human Services	10	8	80.0%	2.2%
AAS	(b)	Individual Studies	1	1	100.0%	0.3%
AAS	(b)	Nursing	1	1	100.0%	0.3%
AAS	(b)	Office Tech/Admin-total	5	5	100.0%	1.4%
C 2	(b)	Practical Nursing	1	1	100.0%	0.3%
NORTH CAMPUS TOTAL			27	22	81.5%	6.1%
COLLEGE TOTAL			1272	360	28.3%	100.0%

Note: Students in developmental semester, pre-program or advanced placement candidate status are counted in their chosen major (e.g., advance placement & pre-Nursing students are included in Nursing).

(a) BS=Bachelor of Science, A A=Associate of Arts, A S=Associate of Science, AAA=Associate of Applied Arts, AAS=Associate of Applied Science, C 2=2-year Certificate, C-1=1-year Certificate.

(b) Additional students enrolled in this major at other campuses or sites.

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PLEASE PRINT (one letter or number per box)

NAME: FIRST | M I | LAST

ADDRESS:

CITY: STATE: ZIP: PHONE: – –

When were you born? Month (01-12) Day (01-31) Year

1997 STUDENT INFORMATION FORM

DIRECTIONS

Your responses will be read by an optical mark reader. Your careful observance of these few simple rules will be most appreciated.

- Use only black lead pencil (No. 2 is ideal).
- Make heavy black marks that fill the oval.
- Erase cleanly any answer you wish to change.
- Make no stray markings of any kind.

EXAMPLE:

Will marks made with ballpoint or felt-tip marker be properly read? Yes . . . ○ No . . . ●

PLEASE PROVIDE YOUR SOCIAL SECURITY NO. FORM NO.: 335284

Mark here if directed GROUP CODE A GROUP CODE B

Dear Student:

The information in this form is being collected as part of a continuing study of higher education conducted jointly by the American Council on Education and the University of California at Los Angeles. Your participation in this research is being solicited in order to achieve a better understanding of how students are affected by their college experiences. Detailed information on the goals and design of this research program are furnished in research reports available from the Higher Education Research Institute at UCLA. Identifying information has been requested in order to make subsequent mail follow-up studies possible. Your response will be held in the strictest professional confidence.

Sincerely,

Alexander W. Astin

Alexander W. Astin, Director
Higher Education Research Institute

PLEASE USE #2 PENCIL

1. Your sex: ○ Male ○ Female

2. How old will you be on December 31 of this year? (Mark one)

- 16 or younger ○
- 17 ○
- 18 ○
- 19 ○
- 20 ○
- 21-24 ○
- 25-29 ○
- 30-39 ○
- 40-54 ○
- 55 or older ○

3. In what year did you graduate from high school? (Mark one)

- 1997 ○
- 1996 ○
- 1995 ○
- 1994 or earlier ○
- Did not graduate but passed G.E.D. test ○
- Never completed high school ○

4. Are you enrolled (or enrolling) as a: (Mark one)

- Full-time student? ○
- Part-time student? ○

5. How many miles is this college from your permanent home? (Mark one)

- 5 or less ○
- 6-10 ○
- 11-50 ○
- 51-100 ○
- 101-500 ○
- Over 500 ○

6. What was your average grade in high school? (Mark one)

- A or A+ ○
- A– ○
- B+ ○
- B ○
- B– ○
- C+ ○
- C ○
- D ○

7. What were your scores on the SAT and/or ACT?

- SAT VERBAL
- SAT MATH
- ACT Composite

8. Citizenship status:

- ○ U.S. citizen
- ○ Permanent resident (green card)
- ○ Neither

9. Have you had, or do you feel you will need, any special tutoring or remedial work in any of the following subjects? (Mark all that apply)

	Have Had	Will Need
English	○	○
Reading	○	○
Mathematics	○	○
Social Studies	○	○
Science	○	○
Foreign Language	○	○

10. Prior to this term, have you ever taken courses for credit at this institution?

○ Yes ○ No

11. Since leaving high school, have you ever taken courses at any other institution? (Mark all that apply in each column)

	For Credit	Not for Credit
Yes, at a community/junior college	○	○
Yes, at a 4-yr. college or university	○	○
Yes, at some other postsecondary school (For example, technical, vocational, business)	○	○

12. Where do you plan to live during the fall term? (Mark one)

- With parents or relatives ○
- Other private home, apartment or room ○
- College dormitory ○
- Fraternity or sorority house ○
- Other campus student housing ○
- Other ○

13. In planning for college, did you: (Mark any that apply)

- Seek high school counselor's advice ○
- Hire a private college counselor ○
- Take a SAT/ACT preparation course ○

14. Is this college your: (Mark one)

- First choice? ○
- Second choice? ○
- Third choice? ○
- Less than third choice? ○

15. To how many colleges other than this one did you apply for admission this year?

- None ○
- 1 ○
- 2 ○
- 3 ○
- 4 ○
- 5 ○
- 6 ○
- 7-10 ○
- 11 or more ○

Note: *If you applied to no other college, skip to item 17.*

16. How many other acceptances did you receive this year? (Mark one)

- None ○
- 1 ○
- 2 ○
- 3 ○
- 4 ○
- 5 ○
- 6 ○
- 7-10 ○
- 11 or more ○

17. What is the highest academic degree that you intend to obtain? (Mark one in each column)

	Highest Planned	Highest Planned at this college
None	○	○
Vocational certificate	○	○
Associate (A.A. or equivalent)	○	○
Bachelor's degree (B.A., B.S., etc.)	○	○
Master's degree (M.A., M.S., etc.)	○	○
Ph.D. or Ed.D.	○	○
M.D., D.O., D.D.S., or D.V.M.	○	○
LL.B. or J.D. (Law)	○	○
B.D. or M.DIV. (Divinity)	○	○
Other	○	○

18. Are your parents: (Mark one)

- Both alive and living with each other? ○
- Both alive, divorced or living apart? ○
- One or both deceased? ○

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19. How much of your first year's educational expenses (room, board, tuition, and fees) do you expect to cover from each of the sources listed below? (Mark one answer for each possible source)

	None	$1 - $499	$500 - $1,499	$1,500 - $3,000	Over $3,000
a. My Own or Family Resources					
Parents, other relatives or friends	○	○	○	○	○
Spouse	○	○	○	○	○
Savings from summer work	○	○	○	○	○
Other savings	○	○	○	○	○
Part-time job on campus	○	○	○	○	○
Part-time job off campus	○	○	○	○	○
Full-time job while in college	○	○	○	○	○
b. Aid Which Need Not Be Repaid					
Pell Grant	○	○	○	○	
Supplemental Educational Opportunity Grant	○	○	○	○	
State Scholarship or Grant	○	○	○	○	
College Work-Study Grant	○	○	○	○	
College Grant/Scholarship (other than above)	○	○	○	○	○
Vocational Rehabilitation funds	○	○	○	○	○
Other private grant	○	○	○	○	○
Other Government Aid (ROTC, BIA, GI/military benefits, etc.)	○	○	○	○	○
c. Aid Which Must Be Repaid					
Stafford Loan (GSL)	○	○	○	○	
Perkins Loan	○	○	○	○	
Other College Loan	○	○	○	○	○
Other Loan	○	○	○	○	○
d. Other Than Above	○	○	○	○	○

20. How many persons are currently dependent on your parents for support (include yourself and your parents, if applicable)?

○ 1 ○ 2 ○ 3 ○ 4 ○ 5 ○ 6 or more

21. Is English your native language?

○ Yes ○ No

22. Current religious preference: (Mark one in each column)

	Yours	Father's	Mother's
Baptist	Ⓨ	Ⓕ	Ⓜ
Buddhist	Ⓨ	Ⓕ	Ⓜ
Eastern Orthodox	Ⓨ	Ⓕ	Ⓜ
Episcopal	Ⓨ	Ⓕ	Ⓜ
Islamic	Ⓨ	Ⓕ	Ⓜ
Jewish	Ⓨ	Ⓕ	Ⓜ
LDS (Mormon)	Ⓨ	Ⓕ	Ⓜ
Lutheran	Ⓨ	Ⓕ	Ⓜ
Methodist	Ⓨ	Ⓕ	Ⓜ
Presbyterian	Ⓨ	Ⓕ	Ⓜ
Quaker	Ⓨ	Ⓕ	Ⓜ
Roman Catholic	Ⓨ	Ⓕ	Ⓜ
Seventh Day Adventist	Ⓨ	Ⓕ	Ⓜ
United Church of Christ	Ⓨ	Ⓕ	Ⓜ
Other Christian	Ⓨ	Ⓕ	Ⓜ
Other Religion	Ⓨ	Ⓕ	Ⓜ
None	Ⓨ	Ⓕ	Ⓜ

23. Do you consider yourself a born-again Christian?

○ Yes ○ No

24. For the activities below, indicate which ones you did during the past year. If you engaged in an activity frequently, mark Ⓕ. If you engaged in an activity one or more times, but not frequently, mark Ⓞ (occasionally). Mark Ⓝ (Not at all) if you have not performed the activity during the past year.

(Mark one for each item)

	Frequently	Occasionally	Not at all
Attended a religious service	Ⓕ	Ⓞ	Ⓝ
Was bored in class	Ⓕ	Ⓞ	Ⓝ
Participated in organized demonstrations	Ⓕ	Ⓞ	Ⓝ
Tutored another student	Ⓕ	Ⓞ	Ⓝ
Studied with other students	Ⓕ	Ⓞ	Ⓝ
Was a guest in a teacher's home	Ⓕ	Ⓞ	Ⓝ
Smoked cigarettes	Ⓕ	Ⓞ	Ⓝ
Drank beer	Ⓕ	Ⓞ	Ⓝ
Drank wine or liquor	Ⓕ	Ⓞ	Ⓝ
Felt overwhelmed by all I had to do	Ⓕ	Ⓞ	Ⓝ
Felt depressed	Ⓕ	Ⓞ	Ⓝ
Performed volunteer work	Ⓕ	Ⓞ	Ⓝ
Played a musical instrument	Ⓕ	Ⓞ	Ⓝ
Asked a teacher for advice after class	Ⓕ	Ⓞ	Ⓝ
Overslept and missed class or appointment	Ⓕ	Ⓞ	Ⓝ
Discussed politics	Ⓕ	Ⓞ	Ⓝ
Worked in a local, state or national political campaign	Ⓕ	Ⓞ	Ⓝ
Voted in a student election	Ⓕ	Ⓞ	Ⓝ
Used a personal computer	Ⓕ	Ⓞ	Ⓝ
Socialized with someone of another racial/ethnic group	Ⓕ	Ⓞ	Ⓝ
Missed school due to employment	Ⓕ	Ⓞ	Ⓝ
Lost my temper	Ⓕ	Ⓞ	Ⓝ
Took a prescribed anti-depressant	Ⓕ	Ⓞ	Ⓝ
Found it difficult to study at home	Ⓕ	Ⓞ	Ⓝ

25. Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

(Mark one in each row)

	Highest 10%	Above Average	Average	Below Average	Lowest 10%
Academic ability	○	○	○	○	○
Artistic ability	○	○	○	○	○
Competitiveness	○	○	○	○	○
Cooperativeness	○	○	○	○	○
Creativity	○	○	○	○	○
Drive to achieve	○	○	○	○	○
Emotional health	○	○	○	○	○
Leadership ability	○	○	○	○	○
Mathematical ability	○	○	○	○	○
Physical health	○	○	○	○	○
Popularity	○	○	○	○	○
Public speaking ability	○	○	○	○	○
Self-confidence (intellectual)	○	○	○	○	○
Self-confidence (social)	○	○	○	○	○
Self-understanding	○	○	○	○	○
Spirituality	○	○	○	○	○
Understanding of others	○	○	○	○	○
Writing ability	○	○	○	○	○

26. What is the highest level of formal education obtained by your parents?

(Mark one in each column)

	Father	Mother
Grammar school or less	○	○
Some high school	○	○
High school graduate	○	○
Postsecondary school other than college	○	○
Some college	○	○
College degree	○	○
Some graduate school	○	○
Graduate degree	○	○

27. What is your best estimate of your parents' total income last year? Consider income from all sources before taxes. (Mark one)

○ Less than $6,000 ○ $40,000-49,999
○ $6,000-9,999 ○ $50,000-59,999
○ $10,000-14,999 ○ $60,000-74,999
○ $15,000-19,999 ○ $75,000-99,999
○ $20,000-24,999 ○ $100,000-149,999
○ $25,000-29,999 ○ $150,000-199,999
○ $30,000-39,999 ○ $200,000 or more

28. Are you: (Mark all that apply)

- White/Caucasian ○
- African American/Black ○
- American Indian ○
- Mexican American/Chicano ○
- Puerto Rican ○
- Other Latino ○
- Chinese American/Chinese ○
- Filipino American/Pilipino ○
- Japanese American/Japanese ○
- Korean American/Korean ○
- Southeast Asian (Vietnamese, Laotian, Cambodian, etc.) ○
- Other Asian American/Asian ○
- Other ○

29. In deciding to go to college, how important to you was each of the following reasons?

(Mark one answer for each possible reason)

	Very important	Somewhat important	Not important
My parents wanted me to go	Ⓥ	Ⓢ	Ⓝ
I could not find a job	Ⓥ	Ⓢ	Ⓝ
Wanted to get away from home	Ⓥ	Ⓢ	Ⓝ
To be able to get a better job	Ⓥ	Ⓢ	Ⓝ
To gain a general education and appreciation of ideas	Ⓥ	Ⓢ	Ⓝ
To improve my reading and study skills	Ⓥ	Ⓢ	Ⓝ
There was nothing better to do	Ⓥ	Ⓢ	Ⓝ
To make me a more cultured person	Ⓥ	Ⓢ	Ⓝ
To be able to make more money	Ⓥ	Ⓢ	Ⓝ
To learn more about things that interest me	Ⓥ	Ⓢ	Ⓝ
A mentor/role model encouraged me to go	Ⓥ	Ⓢ	Ⓝ
To prove to others I could succeed	Ⓥ	Ⓢ	Ⓝ

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30. Mark only three responses, one in each column.

(M) Your mother's occupation
(F) Your father's occupation
(Y) Your probable career occupation

NOTE: If your father or mother is deceased, please indicate his or her last occupation.

	Y	F	M
Accountant or actuary	Y	F	M
Actor or entertainer	Y	F	M
Architect or urban planner	Y	F	M
Artist	Y	F	M
Business (clerical)	Y	F	M
Business executive (management, administrator)	Y	F	M
Business owner or proprietor	Y	F	M
Business salesperson or buyer	Y	F	M
Clergy (minister, priest)	Y	F	M
Clergy (other religious)	Y	F	M
Clinical psychologist	Y	F	M
College administrator/staff	Y	F	M
College teacher	Y	F	M
Computer programmer or analyst	Y	F	M
Conservationist or forester	Y	F	M
Dentist (including orthodontist)	Y	F	M
Dietitian or home economist	Y	F	M
Engineer	Y	F	M
Farmer or rancher	Y	F	M
Foreign service worker (including diplomat)	Y	F	M
Homemaker (full-time)	Y	F	M
Interior decorator (including designer)	Y	F	M
Lab technician or hygienist	Y	F	M
Law enforcement officer	Y	F	M
Lawyer (attorney) or judge	Y	F	M
Military service (career)	Y	F	M
Musician (performer, composer)	Y	F	M
Nurse	Y	F	M
Optometrist	Y	F	M
Pharmacist	Y	F	M
Physician	Y	F	M
Policymaker/Government	Y	F	M
School counselor	Y	F	M
School principal or superintendent	Y	F	M
Scientific researcher	Y	F	M
Social, welfare or recreation worker	Y	F	M
Therapist (physical, occupational speech)	Y	F	M
Teacher or administrator (elementary)	Y	F	M
Teacher or administrator (secondary)	Y	F	M
Veterinarian	Y	F	M
Writer or journalist	Y	F	M
Skilled trades	Y	F	M
Other	Y		
Undecided	Y		
Laborer (unskilled)		F	M
Semi-skilled worker		F	M
Other occupation		F	M
Unemployed		F	M

31. Mark one in each row:

(1) Disagree Strongly
(2) Disagree Somewhat
(3) Agree Somewhat
(4) Agree Strongly

	4	3	2	1
The Federal government is not doing enough to control environmental pollution	4	3	2	1
The Federal government should raise taxes to reduce the deficit	4	3	2	1
There is too much concern in the courts for the rights of criminals	4	3	2	1
Abortion should be legal	4	3	2	1
The death penalty should be abolished	4	3	2	1
If two people really like each other, it's all right for them to have sex even if they've known each other for only a very short time	4	3	2	1
The activities of married women are best confined to the home and family	4	3	2	1
Marijuana should be legalized	4	3	2	1
It is important to have laws prohibiting homosexual relationships	4	3	2	1
Employers should be allowed to require drug testing of employees or job applicants	4	3	2	1
Just because a man thinks that a woman has "led him on" does not entitle him to have sex with her	4	3	2	1
The federal government should do more to control the sale of handguns	4	3	2	1
A national health care plan is needed to cover everybody's medical costs	4	3	2	1
Racial discrimination is no longer a major problem in America	4	3	2	1
Realistically, an individual can do little to bring about changes in our society	4	3	2	1
Wealthy people should pay a larger share of taxes than they do now	4	3	2	1
Colleges should prohibit racist/sexist speech on campus	4	3	2	1
People should not obey laws which violate their personal values	4	3	2	1
Affirmative action in college admissions should be abolished	4	3	2	1
Same sex couples should have the right to legal marital status	4	3	2	1

32. During your last year in high school, how much time did you spend during a typical week doing the following activities?

Hours per week:	None	Less than 1 hour	1-2	3-5	6-10	11-15	16-20	Over 20
Studying/homework								
Socializing with friends								
Talking with teachers outside of class								
Exercise or sports								
Partying								
Working (for pay)								
Volunteer work								
Student clubs/groups								
Watching TV								
Housework/childcare								
Reading for pleasure								
Playing video games								
Prayer/meditation								

33. Do you have any concern about your ability to finance your college education? (Mark one)

- None (I am confident that I will have sufficient funds)
- Some (but I probably will have enough funds)
- Major (not sure I will have enough funds to complete college)

34. How would you characterize your political views? (Mark one)

- Far left
- Liberal
- Middle-of-the-road
- Conservative
- Far right

35. Below are some reasons that might have influenced your decision to attend this particular college. How important was each reason in your decision to come here? (Mark one answer for each possible reason)

	Very important	Somewhat important	Not important
My relatives wanted me to come here	Y	S	N
My teacher advised me	Y	S	N
This college has a very good academic reputation	Y	S	N
This college has a good reputation for its social activities	Y	S	N
I was offered financial assistance	Y	S	N
This college offers special educational programs	Y	S	N
This college has low tuition	Y	S	N
High school counselor advised me	Y	S	N
Private college counselor advised me	Y	S	N
I wanted to live near home	Y	S	N
A friend suggested attending	Y	S	N
A college rep. recruited me	Y	S	N
The athletic department recruited me	Y	S	N
Not offered aid by first choice	Y	S	N
This college's graduates gain admission to top graduate/professional schools	Y	S	N
This college's graduates get good jobs	Y	S	N
I was attracted by the religious affiliation/orientation of the college	Y	S	N
I wanted to go to a school about the size of this college	Y	S	N
Not accepted anywhere else	Y	S	N
Rankings in national magazines	Y	S	N

36. Below is a list of different undergraduate major fields grouped into general categories. Mark only one oval to indicate your probable field of study.

ARTS AND HUMANITIES
- Art, fine and applied (1)
- English (language and literature) (2)
- History (3)
- Journalism (4)
- Language and Literature (except English) (5)
- Music (6)
- Philosophy (7)
- Speech (8)
- Theater or Drama (9)
- Theology or Religion (10)
- Other Arts and Humanities (11)

BIOLOGICAL SCIENCE
- Biology (general) (12)
- Biochemistry or Biophysics (13)
- Botany (14)
- Environmental Science (15)
- Marine (Life) Science (16)
- Microbiology or Bacteriology (17)
- Zoology (18)
- Other Biological Science (19)

BUSINESS
- Accounting (20)
- Business Admin. (general) (21)
- Finance (22)
- International Business (23)
- Marketing (24)
- Management (25)
- Secretarial Studies (26)
- Other Business (27)

EDUCATION
- Business Education (28)
- Elementary Education (29)
- Music or Art Education (30)
- Physical Education or Recreation (31)
- Secondary Education (32)
- Special Education (33)
- Other Education (34)

ENGINEERING
- Aeronautical or Astronautical Eng. (35)
- Civil Engineering (36)
- Chemical Engineering (37)
- Electrical or Electronic Engineering (38)
- Industrial Engineering (39)
- Mechanical Engineering (40)
- Other Engineering (41)

PHYSICAL SCIENCE
- Astronomy (42)
- Atmospheric Science (incl. Meteorology) (43)
- Chemistry (44)
- Earth Science (45)
- Marine Science (incl. Oceanography) (46)
- Mathematics (47)
- Physics (48)
- Statistics (49)
- Other Physical Science (50)

PROFESSIONAL
- Architecture or Urban Planning (51)
- Home Economics (52)
- Health Technology (medical, dental, laboratory) (53)
- Library or Archival Science (54)
- Nursing (55)
- Pharmacy (56)
- Predental, Premedicine, Preveterinary (57)
- Therapy (occupational, physical, speech) (58)
- Other Professional (59)

SOCIAL SCIENCE
- Anthropology (60)
- Economics (61)
- Ethnic Studies (62)
- Geography (63)
- Political Science (gov't., international relations) (64)
- Psychology (65)
- Social Work (66)
- Sociology (67)
- Women's Studies (68)
- Other Social Science (69)

TECHNICAL
- Building Trades (70)
- Data Processing or Computer Programming (71)
- Drafting or Design (72)
- Electronics (73)
- Mechanics (74)
- Other Technical (75)

OTHER FIELDS
- Agriculture (76)
- Communications (77)
- Computer Science (78)
- Forestry (79)
- Law Enforcement (80)
- Military Science (81)
- Other Field (82)
- Undecided (83)

DO NOT WRITE IN THIS AREA

37. Please indicate the importance to you personally of each of the following: (Mark one for each item)

(E) Essential (V) Very important (S) Somewhat important (N) Not important

- Becoming accomplished in one of the performing arts (acting, dancing, etc.) E V S N
- Becoming an authority in my field E V S N
- Obtaining recognition from my colleagues for contributions to my special field E V S N
- Influencing the political structure E V S N
- Influencing social values E V S N
- Raising a family E V S N
- Having administrative responsibility for the work of others E V S N
- Being very well off financially E V S N
- Helping others who are in difficulty E V S N
- Making a theoretical contribution to science E V S N
- Writing original works (poems, novels, short stories, etc.) E V S N
- Creating artistic work (painting, sculpture, decorating, etc.) E V S N
- Becoming successful in a business of my own E V S N
- Becoming involved in programs to clean up the environment E V S N
- Developing a meaningful philosophy of life E V S N
- Participating in a community action program E V S N
- Helping to promote racial understanding E V S N
- Keeping up to date with political affairs E V S N
- Becoming a community leader E V S N

38. What is your best guess as to the chances that you will: (Mark one for each item)

(V) Very Good Chance (S) Some Chance (L) Very Little Chance (N) No Chance

- Change major field? V S L N
- Change career choice? V S L N
- Fail one or more courses? V S L N
- Graduate with honors? V S L N
- Be elected to a student office? V S L N
- Get a job to help pay for college expenses? V S L N
- Work full time while attending college? V S L N
- Join a social fraternity, sorority, or club? V S L N
- Play varsity/intercollegiate athletics? V S L N
- Be elected to an academic honor society? V S L N
- Make at least a "B" average? V S L N
- Need extra time to complete your degree requirements? V S L N
- Get a bachelor's degree (B.A., B.S., etc.)? V S L N
- Participate in student protests or demonstrations? V S L N
- Drop out of this college temporarily (exclude transferring)? V S L N
- Drop out permanently (exclude transferring)? V S L N
- Transfer to another college before graduating? V S L N
- Be satisfied with your college? V S L N
- Get married while in college? (skip if married) V S L N
- Participate in volunteer or community service work? V S L N
- Seek personal counseling? V S L N

39. The Higher Education Research Institute at UCLA actively encourages the colleges that participate in this survey to conduct local studies of their students. If these studies involve collecting follow-up data, it is necessary for the institution to know the students' ID numbers so that follow-up data can be linked with the data from this survey. If your college asks for a tape copy of the data and signs an agreement to use it only for research purposes, do we have your permission to include your ID number in such a tape? Yes ○ No ○

The remaining ovals are provided for questions specifically designed by your college rather than the Higher Education Research Institute. If your college has chosen to use the ovals, please observe carefully the supplemental directions given to you.

40. A B C D E
41. A B C D E
42. A B C D E
43. A B C D E
44. A B C D E
45. A B C D E
46. A B C D E
47. A B C D E
48. A B C D E
49. A B C D E
50. A B C D E
51. A B C D E
52. A B C D E
53. A B C D E
54. A B C D E

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THANK YOU!

R12722-Questar/800703-54321

APPENDIX B

1997 CIRP FRESHMAN SURVEY
SUPPLEMENTAL QUESTIONS

Please read the following questions (#40 - #53) and fill in your responses at the lower right corner of the last page (p. 4) of the Student Information Form.

40. Before deciding to enroll at Penn College, which of the following alternatives did you give the most consideration?

A) Entering military service
B) Finding a job
C) Keeping my present job
D) Attending different type of college (e.g., private liberal arts college, outside Pennsylvania, etc.)
E) Attending another two-year college or technical school

41. If you applied to schools other than Penn College, to which of the following did you apply (if you applied to more than one, identify the one school you liked the most)?

A) Penn State University - main campus or branch campus
B) Bloomsburg, Lock Haven, Mansfield, or other State university
C) Community or technical college
D) Technical or trade school
E) Lycoming, Bucknell or other private college

42. Before deciding to enroll at Penn College, which of the following was your greatest concern?

A) Availability of quality educational programs at Penn College
B) Cost of an education at Penn College
C) Distance of Penn College from my home
D) Insufficient information about Penn College
E) Finding adequate housing

43. During the process of your application (including campus visits, testing day, etc.), to what extent did you feel comfortable and welcome?

A) Very welcome and comfortable
B) Somewhat welcome and comfortable
C) Just okay
D) Somewhat unwelcome and uncomfortable
E) Very unwelcome and uncomfortable

44. Since your arrival for orientation, to what extent do you feel comfortable and welcome?

A) Very welcome and comfortable
B) Somewhat welcome and comfortable
C) Just okay
D) Somewhat unwelcome and uncomfortable
E) Very unwelcome and uncomfortable

45. How did you first hear about Penn College?

A) Radio, television, or newspaper
B) School counselor or teacher
C) Penn College graduate
D) Penn College student or employee
E) Through Penn College representatives or materials (posters, brochures, catalogs, etc.)

46. To what extent was the affiliation with Penn State a factor in your decision to attend Penn College?

A) Very substantial, positive factor
B) Positive factor
C) Not a factor
D) Negative factor
E) Substantial, negative factor

47. In choosing a college, was personal safety on campus and in the area of the campus a concern?

A) Not at all
B) Somewhat important concern
C) Among the major concerns influencing my choice of college
D) The primary concern in my college choice

48. Was your decision to enroll at Penn College affected by any of the following (if more than one apply, select the one which had the greatest affect)?

A) Articulation agreement with a public school or vocational school
B) Opportunities for advanced placement
C) Granting of scholarship to Penn College
D) Transfer agreement with another college
E) None of the above

49. Was your decision to enroll at Penn College affected by any of the following (if more than one apply, select the one which had the greatest affect)?

A) Co-curricular opportunities (e.g., professional organizations and clubs)
B) Inter-collegiate sports
C) Prospects of internships or Co-Op (cooperative education)
D) Work-study in area of major
E) None of the above

Before enrolling, were you on campus for any of the following organized activities:

50.	VICA State competition	A) Yes	B) No
51.	Career Day	A) Yes	B) No
52.	Fall Visitation	A) Yes	B) No
53.	Open House	A) Yes	B) No

Item 54 may be left blank.

Thank you for taking the time to complete these additional questions. This information will help the college serve you and future students more effectively.

APPENDIX C

1997 CIRP FRESHMAN SURVEY
HOUSING CODE SHEET

Select the code below that describes the type of housing and/or specific location where you intend to live while attending Penn College this Fall. Enter the code under the column titled Group Code A on the Student Information Form.

Code	Type of Housing/ Facility/Location	Address
	Private home, with parents/relatives/guardian:	
01	Private home within walking distance of campus	X
02	Private home NOT within walking distance of campus (commuter)	X
	College Housing:	
10	The Village	
11	Campus View	101 Park Street
	Private Student Housing Facilities:	
20	Bower Student Housing	710 West 3rd St/1209-1211 West 4th St
21	College West	200 Rose St
22	G & R Realty	761 West 3rd St
23	Penn Center	939 2nd St
24	Pugh Place	771 West 3rd St
25	Queen Anne	629 West 4th St
26	Student Station	500 7th Ave
27	Sweeley Court	777 West 3rd St
28	Twin Towers	633 West 4th St
29	Ulman Manor	801-807 West 3rd St
30	Other Private Student Apartment/Housing - West 3rd Street	West 3rd Street
31	Other Private Student Apartment/Housing - West 4th Street	West 4th Street
32	Other Private Student Apartment/Housing - Campbell Street	Campbell Street
33	Other Private Student Apartment/Housing - Park Street	Park Street
34	Other Private Student Apartment/Housing - Susquehanna Street	Susquehanna Street
35	Other Private Student Apartment/Housing - Vine Avenue	Vine Avenue
36	Other Private Student Apartment/Housing - other location	X
	Permanent Residence, independent of parents/guardian:	
40	Private home/apartment/room within walking distance of campus	X
41	Private home/apartment/room NOT within walking distance of campus (commuter)	X
50	Other housing	X

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APPENDIX D

INFORMING STUDENTS ABOUT THE RESEARCH PROGRAM

(Read or provide to students before they complete the questionnaire.)

We ask that you complete this questionnaire as part of a national study of higher education conducted by the American Council on Education and the University of California at Los Angeles. One major goal of this research is to determine what happens to students when they attend college. These studies are designed to help improve the quality of college education and thus may benefit future generations of college students. Results of your participation will also be directly beneficial to (name of your campus), since we will receive complete tabulations of your responses to compare with the responses of students nationwide. We ask for your name and address so that the researchers at UCLA can contact you at some later date for a follow-up study. We would also like your Social Security Number so we can merge your responses with other campus data to support our institutional research program. Of course, your responses will be used only for research purposes and will be kept in the strictest confidence.

BEST COPY AVAILABLE

APPENDIX E

1997 CIRP FRESHMAN SURVEY
SUPPLEMENTAL INSTRUCTIONS
Housing/Resident Assistants

The CIRP Survey is designed to be administered in the classroom or at orientation, so many of the attached instructions do not apply to you. Steps which are crossed out may be ignored. Students may take the survey with them to complete at their leisure and return to you later. It would be helpful if you take a few minutes to familiarize yourself with the survey, in order to answer any basic questions students might have. However, if you or the students have any other questions, please contact our office (see bottom of the attached page). To encourage student participation, after all surveys are returned, we will be drawing numbers to give away door prizes. Thanks very much for your help with this project!

APPENDIX F

1997 CIRP FRESHMAN SURVEY
FACULTY INSTRUCTIONS

Faculty/Staff Member: Class-Section: # Students:

Thank you for your assistance in conducting the Cooperative Institutional Research Program (CIRP) Freshman Survey. While most students can complete the questionnaire in about 30 minutes, the total time needed to distribute materials, give instructions, complete the survey and collect all materials will be roughly 45 minutes to an hour. To insure consistency in survey administration, please read these instructions closely and follow them in directing your students to complete the survey.

1. Check to be sure you have enough Student Information Forms and Supplemental Question sheets. Keep one copy of the survey form and supplemental questions for reference. Surveys should be completed in pencil (#2 work best). Contact our office if you will need pencils.

2. Distribute the Student Information Forms and Supplemental Questions (#40-53) to your students.

3. Read the attached statement titled "INFORMING STUDENTS ABOUT THE RESEARCH PROGRAM." Inform the students that the survey is voluntary, but their cooperation is very important and valuable to the College. Individual responses will never be released to any person or agency.

4. Help students begin completing the form. The Social Security Number (SSN) is particularly important.

5. Students who previously completed the survey should provide their SSN and write at the top of the form where they completed the survey (e.g., orientation, class section #). If any students refuse to complete the survey, have them provide their SSN and write "REFUSED" at the top of the form. EVERY STUDENT SHOULD RETURN THE SURVEY WITH SOME IDENTIFICATION, WHETHER THEY COMPLETE THE SURVEY OR NOT.

6. Read or otherwise instruct students to read the "Directions" at the upper left of the survey.

7. Group Codes A and B (the shaded columns to the right of the SSN) should be skipped.

8. On the last page (4), the first item (36) asks for the student's program major. Many Penn College majors are not listed. Instead, students should write their 2 or 3 letter program code (e.g. HS), or the name of their program (e.g. Human Services), in the margin above item 36.

9. Review and use the attached "Frequently Asked Questions" sheet to answer possible questions the students might have about the survey.

10. Instruct students to use the Supplemental Question sheet to complete items 40-53 at the bottom right of the last page. Item 54 should be skipped.

11. After administering the survey, collect all forms and return them to your department or school office with this cover sheet on top. Please administer and return all surveys by 3 PM, Friday, September 5.

If you will not be able to assist in the survey administration, or if you have any question, concerns or problems, please contact Steve Cunningham (ACC 110, x 7771, e-mail scunning@pct.edu). Thank you!

Attachments: Informing Students About the Research Program, Frequently Asked Questions
1997 Student Information Forms, Supplemental Question Sheets

APPENDIX G

CIRP FRESHMAN SURVEY

Frequently Asked Questions (& Answers)

Q Do I have to give my name?	A We encourage, but cannot force students to give their name; if you do not provide your name however, we might mail another survey to you; survey responses are kept strictly confidential.
Q Should I give my local address or my home address?	A Provide your permanent legal mailing address.
Q Do I have to give my Social Security Number?	A As with names, we cannot force students to give their SSN.
Q What should I enter for Group Code A?	A Use the Housing Code list (one copy provided for each table) to identify the type of housing in which you will live.
Q What should I enter for Group Code B?	A Skip Group Code B.
Q Item #7: What if I can't remember my SAT scores?	A Make your best estimate, or leave blank and put a check next to the box to indicate if you took SATs
Q Item #10, 11: Should I include courses I took this past summer?	A No
Q Item #19: What if I don't know exact amounts?	A Make your best estimate
Q Item #19.c.: Which loan type is my student loan?	A Most student loans are Stafford Loans (GSL).
Q Item 27: If I live independently of my parents, should I provide their income?	A Even if you are independent, try to estimate your parents income; if your parents are deceased or you cannot estimate their income, provide your own income.
Q Item 28: What if more than one ethnic category applies?	A Fill in all the categories that apply.
Q Some of these questions are very personal, do I have to answer them?	A We encourage students to respond, but cannot force them; items that do not apply or that are too personal may be skipped; any responses given are kept strictly confidential.
Q Item 32: What if I was not in high school last year?	A Skip items that do not apply.
Q Item 36: What if my program major is not listed?	A If you know your 2 or 3-letter program major code (e.g., Architectural Tech=AT), write it in the margin above #36; if not, write the name of your program major in the margin; if you expect to transfer to another college to finish your degree and know what your major will be, fill in #36; otherwise, skip it.
Q Item 39: How should I fill this in?	A If you do not want your SSN included in the computer data file, select NO, otherwise, select YES.
Q Items 40-54: How should I fill these in?	A Questions 40-53 are on the Supplemental Question sheet; #54 may be skipped.